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29 March 2013

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SUBJECT: AFCEC 4P FA8903-08-D-8769; Task Order 0337
MMR SPEIM/LTM/O&M Program
CDRL #A001j
Chemical Spill-10 2012 Summary Letter Report

Dear Mr. Davis:

The purpose of this Summary Letter Report (SLR) is to document the results of sampling activities conducted at the Chemical Spill-10 (CS-10) plume under the System Performance and Ecological Impact Monitoring (SPEIM) program during the 2012 calendar year. This deliverable does not contain a detailed assessment or evaluation of the results, but is a means of documenting all the actions completed under the CS-10 SPEIM program. The data collected under the SPEIM program are continually assessed and the results of these assessments are presented initially during the Technical Update Meetings, and then through Technical Memoranda or Project Note deliverables if warranted, based on the results of the data evaluation or to address particular plume issues.

In October 2012, the Air Force Center for Engineering and the Environment (AFCEE) adopted a new organizational name, the Air Force Civil Engineer Center (AFCEC). Therefore, the AFCEE and AFCEC acronyms refer to the same entity, but are used in this document in relation to the date of a specific topic or document.

This letter report includes a summary of the activities performed and the data collected for the CS-10 SPEIM program between 01 January 2012 and 31 December 2012. The contaminants of concern (COCs) for the CS-10 plume are the volatile organic compounds (VOCs) trichloroethene (TCE) and tetrachloroethene (PCE). The CS-10 plume is defined by the extent of groundwater containing TCE and/or PCE at concentrations above the Maximum Contaminant Level (MCL) of 5 micrograms per liter (µg/L) for each compound. Three systems were designed to remediate the CS-10 plume: (1) the CS-10 Sandwich Road extraction, treatment, and reinjection (ETR) system which consists of eight closely-spaced extraction wells for the Sandwich Road plume, a Southern Trench extraction well, four granular activated carbon (GAC) treatment trains within the Sandwich Road Treatment Facility (SRTF), and six reinjection wells; (2) the CS-10 In-Plume (IP) extraction, treatment, and infiltration (ETI) system which consists of nine extraction wells located within the body of the plume, four GAC treatment trains within two treatment plant buildings, two infiltration trenches, and a reinjection well; and (3) the CS-10 Northern lobe

extraction well which utilizes the SRTF and the Storm Drain-5 (SD-5) North reinjection wells. The CS-10 plume, treatment systems, and components are presented in **Figure 1**.

In 2009, the AFCEE finalized the Record of Decision (ROD) for the CS-10 groundwater plume which includes the CS-10 IP, CS-10 Sandwich Road, CS-10 Northern lobe, and the other CS-10 leading edge lobes. The *Final Record of Decision for Chemical Spill-10 Groundwater* (AFCEE 2009) documents the selected remedy for CS-10 groundwater which includes continued operation of the current CS-10 remedial systems, installation of an additional extraction well (03EW2112) and reinjection well (03RI2112) to address contamination in the Southern Trench area, long term monitoring (LTM) for the North Central lobe, Southern lobe and the area located on the east side of Johns Pond, and implementation of land use controls (LUCs). A Final Explanation of Significant Differences was submitted in September 2011 that clarified the inclusion of monitored natural attenuation (MNA) as a component of the selected remedy, slightly modified the phrasing of the remedial action objectives, and updated the steps to achieve site closure (i.e., the three-step process) (AFCEE 2011).

CS-10 SPEIM ACTIVITIES

The SPEIM program was developed to monitor plume changes and to ensure the effective operation of the AFCEC groundwater remediation systems at the Massachusetts Military Reservation (MMR). These objectives are met through monitoring of selected media (i.e., groundwater, surface water) within and outside the plume boundaries, treatment plant monitoring, and groundwater flow and transport modeling. Activities completed for the CS-10 SPEIM program during 2012 include the following:

SPEIM Sampling Activities:

- Biennial groundwater sampling (October 2012 to February 2013). Data collected between October and December 2012 are included in this SLR. Data collected between January and February 2013 will be included in the CS-10 2013 SLR which is scheduled for submittal in March 2014.
- Semiannual groundwater sampling (June 2012 and November 2012).
- Semiannual extraction well sampling (May 2012 and November/December 2012).
- Sampling of extraction wells 03EW2176 and 03EW2177 (January to November 2012) to support an optimization evaluation. The sampling frequency decreased from weekly to monthly to bimonthly in 2012.
- CS-10 IP Extraction Well 03EW2104 – As part of an optimization effort, the packer at 03EW2104 was repositioned to increase capture of newly defined deeper contamination located in the vicinity of 03EW2104. The packer was installed on 08 October 2012, and influent samples were collected from extraction well 03EW2104 before and after packer repositioning (between September and November 2012).
- Cyclic Pumping Test at 03EW2110 – Continued cyclic pumping test at 03EW2110, cycling operation on a two month frequency, through December 2012. Influent samples for VOC analysis were collected 1 hour, 48 hours, and one week after system startup and at the end of each month of operation.

- In Situ Chemical Oxidation (ISCO) Pilot Test - Two groundwater sampling events (March 2012 and September 2012).
- MNA sampling at 03MW2116A (January 2012).
- Seasonal recreational beach area surface water sampling (April 2012 and July 2012).
- Monthly treatment plant sampling (January through December 2012).
- Recording of daily average treatment system flow rates (January through December 2012).

The groundwater and surface water locations sampled for the CS-10 SPEIM program in 2012 are presented in **Figures 2**, **3**, and **4**. Well construction and surface water sample location information is included in **Table 1**. The current approved CS-10 SPEIM network, including the analytical scope and methods, is presented in the *Comprehensive Long Term Monitoring Plan*, which is available from AFCEC.

Groundwater analytical results for the COCs are summarized in **Table 2**. Surface water analytical results are summarized in **Table 3**. Maps showing the distribution of COC detections in groundwater are presented in **Figures 5**, **6**, and **7**. A comparison of compounds detected in groundwater and treatment plant samples to applicable standards is included in **Attachment A**.

Drilling Activities:

- CS-10 Direct Push and Rotosonic Drilling Program – Four direct push borings (03DP1134 through 03DP1137) and one rotosonic boring (03MW1090A) were completed between January and June 2012 to further evaluate the extent of contamination in the CS-10 IP eastern lobe and in the area north of Sandwich Road extraction wells 03EW2176 and 03EW2177. Groundwater vertical profile samples were collected at 10-foot intervals for VOC analysis at each of the direct push borings and rotosonic boring (**Attachment B**). Two monitoring well screens (03MW1090A,B) were installed at the rotosonic boring (03MW1090A). Continuous soil samples were collected from the water table to bedrock for lithologic classification at the rotosonic boring; selected samples from major lithologic units were analyzed for total organic carbon (TOC) and grain size. These data were collected to support optimization of the CS-10 IP and Sandwich Road remedial systems to improve system performance.

- Three monitoring wells were installed using the direct push rig (03MW1056A, 03MW1091A, and 03MW1093A) between November and December 2012 at direct push borings previously completed as part of the data gap investigation (AFCEC 2013b). These monitoring wells were installed as part of a CS-10 SPEIM program network optimization.

- CS-10 Source Area Direct Push Drilling – Three direct push borings (03BH1000, 03BH1001, and 03BH1002) were completed in the CS-10 Source area in July 2012. Three soil samples were collected at 8, 11, and 14 feet below ground surface (ft bgs) at each boring for volatile petroleum hydrocarbon (VPH)/extractable petroleum hydrocarbon (EPH) analyses. These data were collected to support source area site closure activities. Results are included in **Attachment F**.

Drilling locations and newly installed monitoring wells are presented in **Figure 8**. Groundwater vertical profiling results are included in **Attachment B**, and the distribution of COC detections based on groundwater vertical profiling results are presented in **Figure 9**. Location and well construction information are included in **Table 1**. Well construction diagrams for 03MW1090A,B, and the soil boring log and water boring log for 03MW1090A were included in the *Final Chemical Spill-10 2012 Data Gap Investigation Technical Memorandum* which was submitted in January 2013 (AFCEC 2013b). Well construction diagrams for 03MW1056A, 03MW1091A, and 03MW1093A are included in **Attachment C**.

Data Summary Report:

The data summary report for the analytical data reported in this SLR is included in **Attachment D**.

Presentations:

Presentations completed for the CS-10 plume are listed in **Table 4**.

Project Note Submittals:

The project notes related to activities conducted for the CS-10 plume under the SPEIM program in 2012 are included in **Attachment E**.

Report Submittals:

- *CS-10 2010/2011 Biennial SPEIM/LTM Data Presentation Project Note* submitted in January 2012 (AFCEE 2012h).
- *CS-10 2011 Southern Trench Area Optimization Project Note* submitted in March 2012 (AFCEE 2012g).
- *Chemical Spill-10 2011 Summary Letter Report* submitted in March 2012 (AFCEE 2012f).
- *CS-10 2011 Annual SPEIM/LTM Data Presentation Project Note* submitted in April 2012 (AFCEE 2012e).
- *Validation of Results from Permanganate Pretreatment Tests at the Sandwich Road Treatment Facility Project Note* submitted in June 2012 (AFCEE 2012d).
- *Performance and Sustainability Review of Coconut Shell-Based Granular Activated Carbon at the Massachusetts Military Reservation Project Note* submitted in July 2012 (AFCEE 2012c).
- *Draft Chemical Spill-10 2012 Data Gap Investigation Technical Memorandum* submitted in July 2012. The *Final Chemical Spill-10 2012 Data Gap Investigation Technical Memorandum* was submitted in January 2013 (AFCEC 2013b).
- *Final 2011 MMR Vapor Intrusion Evaluation Technical Memorandum* submitted in August 2012 (AFCEE 2012b).
- *CS-10 In-Plume 03EW2104 Modifications Project Note* submitted in September 2012 (AFCEE 2012a).

- *Response to Comments on the Draft Chemical Spill-10 2012 Data Gap Investigation Technical Memorandum* submitted in October 2012.
- *Memorandum of Resolution on the Draft Chemical Spill-10 2012 Data Gap Investigation Technical Memorandum* submitted in December 2012.

Major Events and Optimizations:

Optimization activities are completed as part of the SPEIM program in order to improve the performance of the remedial systems and to improve the monitoring program. Data gap investigations are also completed when warranted.

In-Plume Data Gap Investigation

Performance monitoring data collected under the CS-10 SPEIM program indicated the potential for optimization of the IP extraction wells, but additional data collection was needed to evaluate optimized operational scenarios. TCE detections at concentrations exceeding the MCL in offline Sandwich Road extraction well 03EW2177 prompted the need to evaluate the extent of the contamination in this area. This CS-10 data gap investigation was initiated in 2008 and continued through June 2012. Refer to the Drilling Activities section for details of the data collection activities conducted in 2012.

The data collected during this investigation were used to update the Conceptual Site Model (CSM) for CS-10, recalibrate the CS-10 groundwater flow model, and update the 2007 TCE and PCE plume shells. The *Final Chemical Spill-10 2012 Data Gap Investigation Technical Memorandum*, which summarized the findings of this four year data gap investigation, was submitted in January 2013 (AFCEC 2013b).

Optimization of the CS-10 In-Plume and Sandwich Road Remedial Systems

The CS-10 ROD issued in 2009 indicated that system shutdown would occur in approximately 2055, and aquifer restoration would be achieved by approximately 2094 under Alterative 10 operating conditions (AFCEE 2009). The 2007 groundwater flow model and 2007 TCE plume shell were used to evaluate alternatives in the feasibility study (AFCEE 2008). The data density has increased significantly between the completion of the 2007 and 2012 plume shells. More contaminant mass has been identified, particularly in the area of extraction wells 03EW2102, 03EW2103, 03EW2104, and 03EW2107 and to the west and east of the previous CS-10 plume boundary. The 2007 groundwater flow model has been updated, including a reduction in the overall transmissivity of the simulated aquifer, particularly deeper in the aquifer.

Based on the results of the recent data gap investigation, a recommendation to use the updated 2012 CS-10 groundwater flow model and 2012 TCE plume shell to evaluate optimized operating scenarios for the CS-10 IP remedial system and the CS-10 Sandwich Road extraction fence was presented in the data gap report (AFCEC 2013b). This optimization effort will focus on reducing restoration timeframes and improving plume capture. Although the 2007 groundwater flow model and 2007 TCE plume shell were used to evaluate alternatives in the ROD (AFCEE 2009); metrics for plume mass, plume volume, and restoration timeframes for the selected alternative in the ROD (Alternative 10) will be compared to the 2012 optimization scenarios.

A two-phase approach for the optimization modeling evaluation was presented at the 28 August 2012 Technical Update Meeting. Revisions to the current infrastructure, (i.e., revisions to extraction and reinjection/infiltration flow rates and effective extraction well screen settings) were evaluated initially during Phase I optimization modeling. The path forward for Phase I optimization modeling is documented in the *CS-10 2012 Remedial System Optimization Workplan Project Note, Phase I Approach* (AFCEE 2013), and Phase I modeling results were presented at the 28 November 2012 Technical Update Meeting.

Scenarios that simulate additional infrastructure (i.e., new extraction wells) were evaluated during the Phase II modeling effort. The plan for the Phase II modeling effort was initially presented at the 28 November 2012 Technical Update Meeting; potential locations for the simulation of additional extraction wells were identified. The Phase II scenarios included some of the revisions to the current infrastructure (revisions to extraction and reinjection/infiltration flow rates and effective extraction well screen settings) that were evaluated during the Phase I optimization modeling effort. The path forward for Phase II optimization modeling is documented in the *CS-10 2012 Remedial System Optimization Workplan Project Note, Phase II Approach* (AFCEC 2013a) and Phase II modeling results were presented at the 21 March 2013 Technical Update Meeting.

This CS-10 2012 remedial system optimization effort will be documented in a focused feasibility study. The draft report is currently scheduled for submittal in May 2013. The results of this optimization effort will also be used to determine whether an Explanation of Significant Difference or ROD Amendment is needed to document the changes to the conceptual site model and/or the expected outcome of the remedial action.

Optimization of In-Plume Extraction Well 03EW2104

As presented in the *Final CS-10 2012 Data Gap Investigation Technical Memorandum* (AFCEC 2013b), capture of newly defined deeper contamination located in the vicinity of 03EW2104 would be increased by modifying the effective screen interval at 03EW2104. The regulatory agencies concurred with this optimization (**Attachment E**), and the packer was removed from the bottom of the extraction well screen at 03EW2104 (effective screen interval of 10 to -100 feet mean sea level [ft msl]) and was repositioned so that the top 90 feet of the extraction well screen is blocked (effective screen interval of -80 to -136 ft msl). This optimization was completed on 08 October 2012. Influent samples were collected from 03EW2104 before repositioning the packer and 24 hours, one week, and seven weeks after repositioning the packer. TCE influent concentrations at 03EW2104 increased from 16 to 41 µg/L (**Table 2**) after this optimization.

Optimization of Southern Trench Extraction Well 03EW2112

A proposed operating scenario for 03EW2112, which included a reduced flow rate of 100 gallons per minute (gpm) with a packered configuration, was presented to the regulatory agencies at the 15 December 2010 Technical Update Meeting (AFCEE 2012f); the agencies agreed with the recommendation, and 03EW2112 began operating at the optimized scenario on 19 January 2011. Sensitivity modeling was completed in 2011 to determine the appropriate CS-10 Sandwich Road reinjection scenario with this revised

flow rate at 03EW2112, with the objective of minimizing hydraulic impacts on nearby areas of concern including the U.S. Geological Survey (USGS) Tracer Test Site and the phosphorus plume associated with the operations of the former MMR Sewage Treatment Plant. Recent changes to the operating conditions at the CS-10 Sandwich Road extraction fence (i.e., turning on 03EW2177 in January 2011 and 03EW2176 in June 2011) were also evaluated as part of this optimization. A project note summarizing the field program and modeling evaluation completed for optimization of 03EW2112 and including the recommended Sandwich Road reinjection scenario was submitted in March 2012 and is included in **Attachment E**. This operation scenario (2012 Scenario 01) improves the contaminant capture efficiency of southern trench extraction well 03EW2112 and the CS-10 Sandwich Road ETR system, and minimizes impact to the groundwater flow field in the vicinity of the phosphorus plume and the USGS Tracer Test Site.

Optimization of In-Plume Extraction Well 03EW2110

A cyclic pumping test at 03EW2110 began on 24 January 2011, cycling operation of 03EW2110 on a two-month frequency at a flow rate of 250 gpm. Influent samples for VOC analysis were collected 1 hour, 48 hours, and one week after the startup of the well and at the end of each month of operation. The test was implemented to evaluate if similar mass removal rates can be achieved at reduced energy costs and greenhouse gas emissions when compared to full time operation. Results were presented to the regulatory agencies at the 26 April 2012 Technical Update Meeting. Rebound effects were short-lived; TCE influent concentrations returned to pre-shutdown levels within 48 hours (**Attachment E**). The cyclic pumping test continued through 2012 at a reduced flow rate of 200 gpm and is currently ongoing with 03EW2110 at 100 gpm to evaluate if flow rate reductions improve performance. Results will be reported at future Technical Update Meetings.

Optimization of Northern Lobe Extraction Well 00EW0001

Increasing TCE influent concentrations collected from 00EW0001 and increasing concentrations in upgradient monitoring wells identified the potential for optimization of 00EW0001. After flow testing at progressively increasing flow rates to determine if the flow rate could be optimized to improve performance; a recommendation to continue operating at the higher flow rate of 225 gpm until TCE influent concentrations decrease was presented at the 29 September 2011 Technical Update Meeting (AFCEE 2012f). Extraction well 00EW0001 continued operating at 225 gpm through 2012. TCE influent concentrations ranged from 50 to 62 µg/L through 2012 (**Table 2**), which is consistent with concentrations detected in 2011 (45 to 65.3 µg/L) (AFCEE 2012f). Extraction well 00EW0001 will continue to operate at the higher flow rate of 225 gpm through 2013.

MNA Sampling at 03MW2116A

Monitoring well 03MW2116A is located along the eastern boundary of the CS-10 plume (**Figure 2**). During the baseline sampling of this well in June 2011; TCE (792 µg/L), PCE (51.2 µg/L) and cis-1,2-dichloroethene (cis-1,2-DCE) (87.8 µg/L) were detected at concentrations above their respective MCLs, and vinyl chloride was detected at concentrations below reporting limits (AFCEE 2012f). Cis-1,2-DCE is not detected at concentrations exceeding the MCL at any other location in the CS-10 plume, and vinyl chloride is only observed along the western boundary of CS-10, adjacent to the Landfill-1 (LF-1) plume. Neither cis-1,2-DCE nor vinyl chloride are COCs at CS-10. Monitoring

well 03MW2116A was sampled for MNA parameters in January 2012 to determine if there was any indication of active reductive dechlorination in this area. Analytes sampled included: VOCs, sulfide, sulfate, nitrate, nitrite, TOC, alkalinity, methane/ethane/ethene, dissolved iron, dissolved manganese, and ferous iron. Field parameters (dissolved oxygen [DO], pH, oxidation reduction potential [ORP], temperature, specific conductance, and turbidity) were collected in the field. There was no conclusive evidence of active reductive dechlorination based on these sampling results. High DO, high ORP, low iron, and low TOC indicate an aerobic environment, and the presence of cis-1,2-DCE, vinyl chloride, ethane, and ethane suggest there are reducing conditions present in either very small zones in this area or hydraulically upgradient of this well location indicating that it had occurred during the migration of this contamination but has now stalled as the contamination migrated into a more aerobic (higher DO) zone. Analytical results are included in **Attachment G**.

ISCO Pilot Test

Sampling of selected ISCO pilot test wells continued in 2012 to further evaluate TCE, dissolved manganese, and dissolved hexavalent chromium concentration trends (AFCEE 2010). Two supplemental sampling events were completed in March and September 2012. Results from 2012 sampling events are included in **Attachment A** and **Attachment D**.

Full-Scale Testing of Reactivated Coconut Shell-Based GAC

Two full-scale tests of 20,000-pound (lb) loads of reactivated coconut shell-based GAC were completed in 2012. Previous pilot-scale and full-scale testing of virgin coconut shell-based GAC had indicated that service life could be extended by a factor of two or more compared to coal-based custom segregated reactivated GAC. The reactivated coconut shell GAC exhibited a bed life extension factor of less than 1.5. A project note summarizing these results was submitted in July 2012 and is included in **Attachment E**.

Pilot Testing of Injecting Oxidizing Chemicals

The potassium permanganate ($KMnO_4$) injection system at the CS-10 SRTF was reactivated to determine if $KMnO_4$ injections would result in a cost-effective means of reducing GAC consumption and overall treatment costs by lowering contaminant concentrations in the influent stream entering the GAC vessels. Results of the testing completed in 2011 indicated that the use of $KMnO_4$ to reduce TCE concentrations is not likely to provide any cost benefit compared to the use of GAC alone. Due to unfavorable reaction kinetics and the limited residence time in the treatment system, the amount of $KMnO_4$ required to produce any significant reduction in GAC consumption is very high, resulting in high operating costs in comparison to the use of GAC alone for removal of TCE (AFCEE 2012f). Additional testing completed in 2012 verified the results from the 2011 tests. A project note summarizing the 2012 test results was submitted in June 2012 and is included in **Attachment E**.

CS-10 REMEDIAL STATUS UPDATE

Analytical results from the CS-10 IP treatment plants and the CS-10 SRTF are presented in **Tables 5a**, **Table 5b**, **Table 5c**, **Table 5d**, and **Table 6**, respectively. Average weekly flow rates for the CS-10 IP extraction wells, reinjection well, and infiltration trenches are

presented in Table 7. Average weekly flow rates for the CS-10 Sandwich Road extraction and reinjection wells, the Southern Trench extraction well, the CS-10 Northern lobe extraction well, and the SD-5 North reinjection wells are presented in Table 8. Treatment system operational downtimes or deviations (for events lasting two hours or longer) between January and December 2012 are summarized in Table 9. Mass removal calculations through December 2012 for the CS-10 IP treatment plants, SRTF, and the CS-10 Northern lobe extraction well are presented in Table 10, Table 11, and Table 12, respectively.

The most recent plume shells for the CS-10 plume include: (1) data collected through April 2012 for the TCE and PCE plume shell for the main body (which includes the IP area, Sandwich Road Lobe, and Southern Trench area) of the CS-10 plume (AFCEC 2013b), and (2) data collected through April 2005 for the TCE plume shell for the CS-10 leading edge lobes (AFCEE 2005). The mass and volume statistics reflect dissolved-phase contamination at concentrations above the MCL.

The 2012 plume shells for the main body of the CS-10 plume are estimated to contain 2,270 lbs of dissolved-phase TCE and 55 lbs of dissolved-phase PCE. The volume of contaminated groundwater in the main body of the CS-10 plume is estimated to be approximately 6.04 billion gallons of TCE and 0.47 billion gallons of PCE. Since the PCE plume is primarily located within the larger TCE plume, the total volume of contaminated groundwater for the main body of the CS-10 plume is close to the 6.04 billion gallons reported for TCE.

The April 2005 TCE plume shell dissolved-phase mass and volume estimates for the CS-10 leading edge lobes are 45.9 lbs and 87.5 million gallons for the Northern lobe, 13.4 lbs and 160 million gallons for the North Central lobe, and 5.6 lbs and 50.1 million gallons for the Southern lobe.

The CS-10 IP ETI system removed approximately 195.7 lbs of TCE and 13 lbs of PCE between January 2012 and December 2012 (Table 10). During this period approximately 1.03 billion gallons of groundwater were treated at the CS-10 IP treatment plants. A total mass of approximately 4,898 lbs of TCE and PCE has been removed by the CS-10 IP ETI system since startup in 1999.

The CS-10 Sandwich Road ETR system removed approximately 13.2 lbs of TCE and 0.5 lb of PCE between January 2012 and December 2012 (Table 11). During this period approximately 306 million gallons of groundwater were treated at the CS-10 SRTF from the CS-10 Sandwich Road ETR system and Southern Trench extraction well 03EW2112. A total mass of approximately 1,063 lbs of TCE and PCE has been removed by the CS-10 Sandwich Road ETR system since startup in 1999.

The Northern lobe extraction well removed approximately 51.2 lbs of TCE and 0.5 lbs of PCE between January 2012 and December 2012 (Table 12). During this period approximately 110 million gallons of groundwater were treated at the CS-10 SRTF from the Northern lobe extraction well. A total mass of approximately 400 lbs of TCE and PCE has been removed by the Northern lobe extraction well since startup in 2000.

In total, the CS-10 treatment systems processed approximately 1.45 billion gallons of contaminated groundwater and removed approximately 274.1 lbs of COCs in 2012. Approximately 6,361 lbs of COCs have been removed since startup. The operation of the CS-10 remedial systems used approximately 4,362 megawatt hours of electricity during 2012. Power plant air emissions associated with this power generation for 2012 and since system startup in 1999 are presented in **Tables 13a** and **13b** for the CS-10 IP and SRTF, respectively. Green energy purchases and power production from AFCEC's wind turbines are incorporated into these air emission data.

The CS-10 remedial systems were operating under 2012 Scenario 01 pumping rates on 01 January 2012. On 08 October 2012, the CS-10 remedial systems were optimized to 2012 Scenario 02 operating conditions when the packer was repositioned at CS-10 IP extraction well 03EW2104. Using the most recent TCE plume shell (2012) for the main body of the CS-10 plume, and assuming these two systems will operate continuously at 2012 Scenario 01 pumping rates, groundwater transport modeling results indicate that by 2065 CS-10 extraction wells will no longer be contributing to plume cleanup and can be shut down. By 2112, one isolated area of contamination remains between IP extraction wells 03EW2104 and 03EW2111, at a deep elevation in the aquifer (AFCEC 2013b). As previously noted, an optimization evaluation is underway for the CS-10 IP and SR systems with the objective of shortening the operation and restoration timeframes.

Using the current Northern lobe plume shell (April 2005) and assuming the extraction well will operate continuously at 175 gpm; groundwater transport modeling results indicate that by 2030 the Northern lobe extraction well can be shut down, and only two small areas of contamination, located upgradient of the Northern lobe extraction well, remain immobilized in a silt layer. Using the current plume shells for the North Central lobe and the Southern lobe (April 2005) groundwater transport modeling results indicate that concentrations in both these lobes will decrease below the MCL by 2025 (AFCEE 2005).

Through the SPEIM program, the CSM is routinely updated and the remedial system operation is continuously evaluated and optimized to reduce cleanup times, therefore the timeframes presented in the preceding section will most likely be decreased in future scenarios.

CS-10 SPEIM ACTIVITIES PLANNED FOR 2013

Activities currently planned for the CS-10 SPEIM program for 2013 include the following:

- Semiannual (July 2013) and annual (December 2013) groundwater sampling.
- Semiannual extraction well sampling (July 2013 and December 2013).
- Bimonthly sampling of Sandwich Road extraction wells 03EW2176 and 03EW2177 (January 2013 through December 2013).
- ISCO sampling (March 2013 and September 2013).

- Seasonal recreational beach area surface water sampling (April 2013 and July 2013).
- Monthly treatment plant sampling (January 2013 through December 2013).
- Recording of daily average treatment system flow rates (January 2013 through December 2013).
- CS-10 SPEIM data presentations.
- LUC private well verification surveys and sampling (as needed).
- Complete the evaluation of optimization scenarios for the CS-10 IP and CS-10 Sandwich Road remedial systems. Document the results in a technical memorandum and implement the optimization.
- Complete synoptic water level surveys before and after implementing the CS-10 remedial system optimization.
- Optimize the CS-10 SPEIM monitoring network and document the optimization in a project note submittal.
- Installation of monitoring wells at previously completed direct push vertical profile borings and a baseline sampling of newly installed wells.
- Complete a data gap investigation in the eastern IP area and complete a focused TCE plume shell update, if needed.
- Complete the evaluation of cyclic pumping at 03EW2110 and document the results in a project note submittal.
- Update and submit the *Chemical Spill-10 Groundwater Plume Conceptual Site Model* deliverable.
- Submit the *Final Chemical Spill-10 Private Well Verification and Well Determination Project Note*.
- The *Final Chemical Spill-10 Data Gap Investigation Technical Memorandum* was submitted in January 2013.

If you have any questions or comments, please contact Rose Forbes at (508) 968-4670, extension 5613.

Sincerely,

CH2M HILL

N. Tindall

Nigel Tindall
Project Manager, P.G.

Attachments:

Figure 1	CS-10 Groundwater Plume and Treatment Systems
Figure 2	CS-10 In-Plume Area Groundwater Monitoring Locations
Figure 3	CS-10 Southern Trench/Sandwich Road Area Groundwater and Surface Water Monitoring Locations
Figure 4	CS-10 Leading Edge Area Groundwater and Surface Water Monitoring Locations
Figure 5	CS-10 In-Plume Area 2012 COC Detections in Groundwater
Figure 6	CS-10 Southern Trench/Sandwich Road Area 2012 COC Detections in Groundwater
Figure 7	CS-10 Leading Edge Area 2012 COC Detections in Groundwater
Figure 8	CS-10 2012 Drilling Locations
Figure 9	CS-10 2012 Drilling Locations COC Detections in Groundwater
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Attachment A	Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards
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Attachment F	CS-10 Source Area Soil Results
Attachment G	MNA Sampling Results at 03MW2116A

* c: Rose Forbes, AFCEC/MMR
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REFERENCES

Air Force Civil Engineer Center (AFCEC). 2013a (March). *CS-10 2012 Remedial System Optimization Workplan Project Note, Phase II Approach*. 437075-SPEIM-CS10-PRJNOT-002. Prepared by CH2M HILL for AFCEC/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2013b (January). *Final Chemical Spill-10 2012 Data Gap Investigation.* 437075-SPEIM-CS10-TECHMEMO-001. Prepared by CH2M HILL for AFCEC/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

Air Force Center for Engineering and the Environment (AFCEE). 2013 (January). *CS-10 2012 Remedial System Optimization Workplan Project Note, Phase I Approach*. 437075-SPEIM-CS10-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012a (September). *CS-10 In-Plume 03EW2104 Modifications Project Note.* AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012b (August). *Final 2011 MMR Vapor Intrusion Evaluation Technical Memorandum*. 420005-SPEIM-MULTIPLE-TECHMEM-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012c (July). *Performance and Sustainability Review of Coconut Shell-Based Granular Activated Carbon at the Massachusetts Military Reservation Project Note*. 420005-EES-MULTIPLE-PRJNOT-005. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012d (June). *Validation of Results from Permanganate Pretreatment Tests at the Sandwich Road Treatment Facility Project Note*. 420005-EES-SRTF-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012e (April). *CS-10 2011 Annual SPEIM/LTM Data Presentation Project Note.* 420005-SPEIM-CS10-PRJNOT-004. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012f (March). *Chemical Spill-10 2011 Summary Letter Report*. 420005-SPEIM-CS10-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012g (March). *CS-10 2011 Southern Trench Area Optimization Project Note*. 420005-SPEIM-CS10-PRJNOT-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2012h (January). *CS-10 2010/2011 Biennial SPEIM/LTM Data Presentation Project Note*. 420005-SPEIM-CS10-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2011 (September). *Final Explanation of Significant Differences for the Installation Restoration Program Groundwater Plumes at the Massachusetts Military Reservation.* 404929-SPEIM-MULTIPLE-RPT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

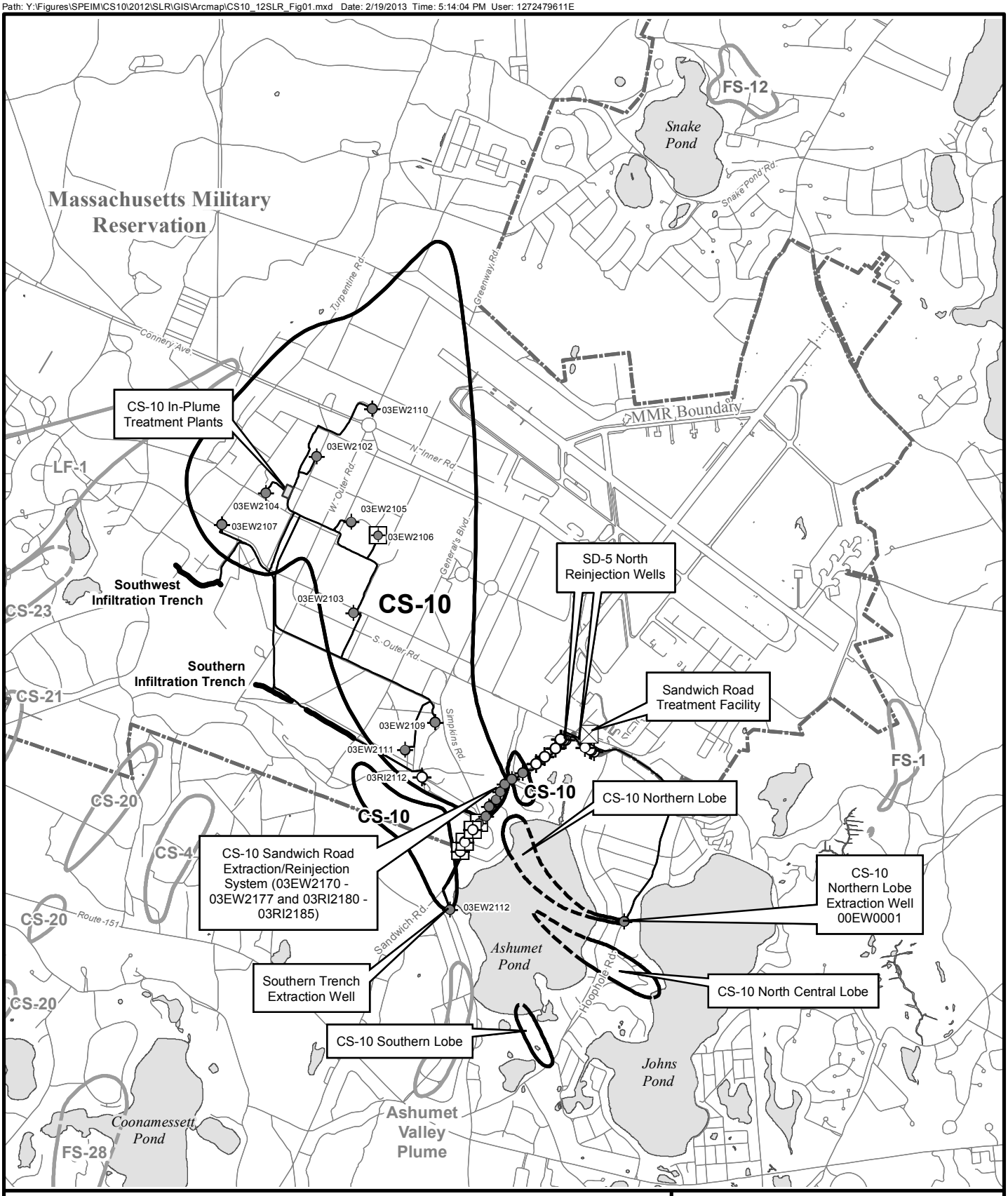
_____. 2010 (December). *Final Chemical Spill-10 In Situ Chemical Oxidation Pilot Test Technical Memorandum.* 389849-SPEIM-CS10-TECHMEM-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2009 (August). *Final Record of Decision for Chemical Spill-10 Groundwater*. A4P-J23-35BC02VA-M26-0018. Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2008 (August). *Final Supplement to the Chemical Spill-10 Groundwater Feasibility Study Addendum.* A4P-J23-35BC02VA-M16-0025. Prepared by Jacobs Engineering Group for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2005 (October). *Final Chemical Spill-10 Leading Edge Technical Memorandum.* 324146-SPEIM-CS10-TECHMEM-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

FIGURES



Legend

- CS-10 Plume Boundary (Dashed Where Inferred)
- Other Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary
- Treatment System Piping
- Infiltration Trench
- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)
- Treatment Facility

Data Source: AFCEC, February 2013, MMR-AFCEC Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

N

0 1,700 3,400 Feet

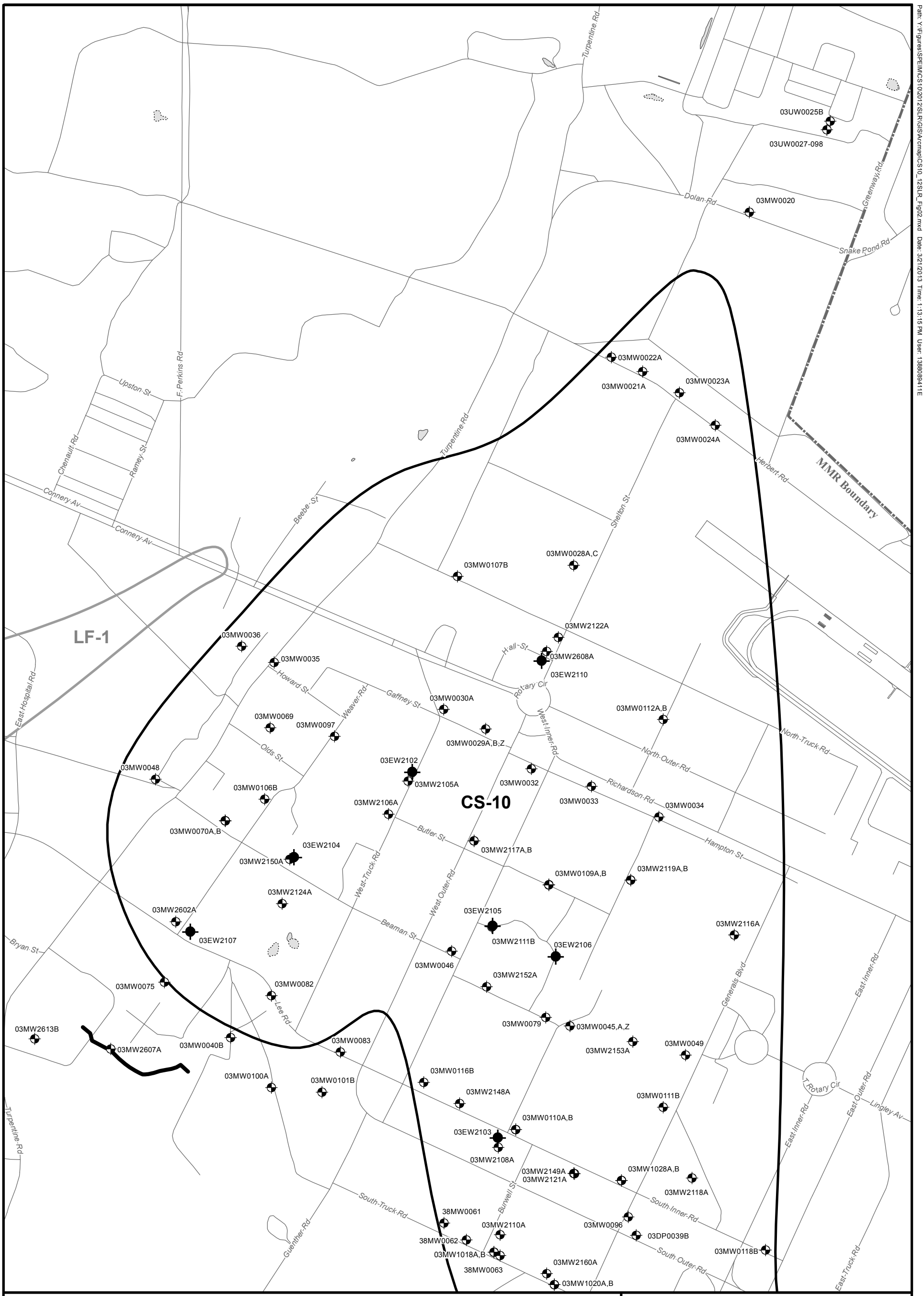
FIGURE 1

CS-10 GROUNDWATER PLUME AND TREATMENT SYSTEMS

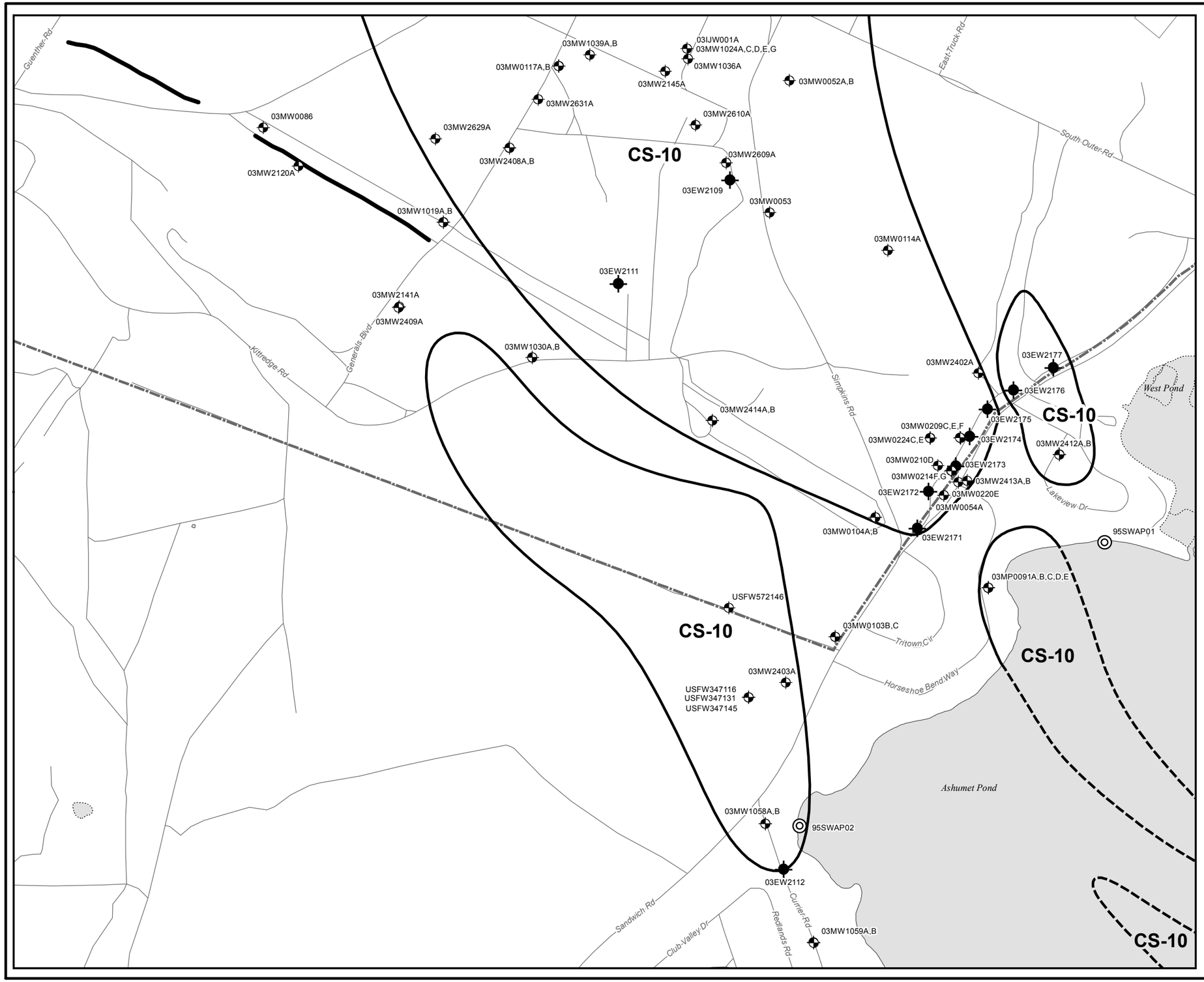
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CS-10 2012 Summary Letter Report

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Turpentine Rd
03UW0025B
03UW0027-098
Dolan Rd
03MW0020
Greenway Rd
Snake Pond Rd
03MW0022A
03MW0021A
03MW0023A
03MW0024A
MMR Boundary
Herbert Rd
F. Perkins Rd
Upston St
Chenault Rd
Ramey St
Connery Av
Beebe St
Shelton St
03MW0028A,C
03MW0107B
LF-1
03MW2122A
03MW0036
03MW0035
Hall St
03MW2608A
03EW2110
Howard St
Rotary Cir
East Hospital Rd
Weaver Rd
Gaffney St
03MW0030A
03MW0112A,B
03MW0069
03MW0097
West Inner Rd
North Truck Rd
03MW0029A,B;Z
Olds St
North Outer Rd
03MW0048
03EW2102
03MW2105A
03MW0032
Richardson Rd
03MW0106B
CS-10
03MW2106A
03MW0033
03MW0034
03MW0070A,B
Butler St
Hampton St
03EW2104
03MW2150A
03MW2117A,B
West Truck Rd
03MW0109A,B
03MW2119A,B
West Outer Rd
03MW2124A
03MW2602A
03EW2105
03MW2116A
Beaman St
03EW2107
03MW2111B
03EW2106
Bryan St
03MW0046
03MW2152A
03MW0075
03MW0082
Generals Blvd
East Inner Rd
Lee Rd
03MW0079
03MW0045,A,Z
03MW2613B
03MW2153A
03MW0049
03MW2607A
03MW0040B
03MW0083
03MW0116B
03MW0100A
03MW0101B
03MW2148A
T Rotary Cir
East Outer Rd
Lingley Av
03MW0111B
Turpentine Rd
03MW0110A,B
03EW2103
03MW2108A
03MW2149A
03MW2121A
03MW1028A,B
03MW2118A
South Truck Rd
Burwell St
South Inner Rd
38MW0061
03MW2110A
03MW0096
03DP0039B
Guenther Rd
38MW0062
03MW1018A,B
03MW0118B
South Outer Rd
38MW0063
03MW2160A
03MW1020A,B
East Truck Rd
Legend
Monitoring Well
Extraction Well
Infiltration Trench
Massachusetts Military Reservation Boundary
CS-10 Plume Boundary
Other Plume Boundary (Dashed Where Inferred)
Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011
N
0
500
1,000
Feet
FIGURE 2
CS-10 IN-PLUME AREA GROUNDWATER MONITORING LOCATIONS
AFCEC - Massachusetts Military Reservation
CS-10 2012 Summary Letter Report
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Legend

- Monitoring Well
- Extraction Well
- Surface Water Sample Location
- Infiltration Trench
- CS-10 Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary

N

0 300 600

Feet

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

FIGURE 3

CS-10 SOUTHERN TRENCH/ SANDWICH ROAD AREA GROUNDWATER AND SURFACE WATER MONITORING LOCATIONS

AFCEC - Massachusetts Military Reservation

CS-10 2012 Summary Letter Report

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Legend

- Monitoring Well
- Extraction Well
- Surface Water Sample Location
- Plume Boundary (Dashed Where Inferred)
- Other Plume Boundary
- Bog/Wetland

N

0 425 850

Feet

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

FIGURE 4

CS-10 LEADING EDGE AREA GROUNDWATER AND SURFACE WATER MONITORING LOCATIONS

AFCEC - Massachusetts Military Reservation

CS-10 2012 Summary Letter Report

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03UW0025B
03UW0027-098
03MW0020
03MW0022A
03MW0021A
03MW0023A
03MW0024A
03MW0028A,C
03MW0107B
03MW2122A
03MW2608A
03EW2110
03MW0036
03MW0035
03MW0030A
03MW0029A,B,Z
03MW0112A,B
CS-10
03MW0069
03MW0097
03MW0048
03EW2102
03MW2105A
03MW0106B
03MW2106A
03MW0032
03MW0033
03MW0034
03MW0070A,B
03MW2117A,B
03EW2104
03MW2150A
03MW0109A,B
03MW2119A,B
03MW2124A
03MW2602A
03EW2107
03EW2105
03MW2111B
03MW2116A
03EW2106
03MW0046
03MW0075
03MW0082
03MW2152A
03MW0079
03MW0045,A,Z
03MW2613B
03MW2607A
03MW0040B
03MW0083
03MW2153A
03MW0049
03MW0116B
03MW0100A
03MW0101B
03MW2148A
03MW0111B
03MW0110A,B
03EW2103
03MW2108A
03MW2121A
03MW2149A
03MW1028A,B
03MW2118A
03MW0096
38MW0061
03MW2110A
03DP0039B
38MW0062
03MW1018A,B
38MW0063
03MW0118B
03MW2160A
03MW1020A,B
LF-1
MMR Boundary
Turpentine Rd
Dolan Rd
Greenway Rd
Snake Pond Rd
Upston St
F. Perkins Rd
Chenault Rd
Ramey St
Connery Av
Beebe St
Shelton St
Hall St
Howard St
Gaffney St
Weaver Rd
Rotary Cir
Olds St
West Inner Rd
Butler St
West Truck Rd
West Outer Rd
Hampton St
North Truck Rd
North Outer Rd
Herbert Rd
Bryan St
Beaman St
Lee Rd
South Inner Rd
South Truck Rd
Guenther Rd
South Outer Rd
Generals Blvd
East Inner Rd
East Outer Rd
East Truck Rd
T Roraty Cir
Lingley Av
East Hospital Rd

Legend

- CS-10 Plume Boundary
- Infiltration Trench
- Other Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary
- Extraction Well

Contaminant Detections in Groundwater

- No Detection
- Detection Below or At MCL
- Detection Above MCL

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

N

0 500 1,000 Feet

FIGURE 5

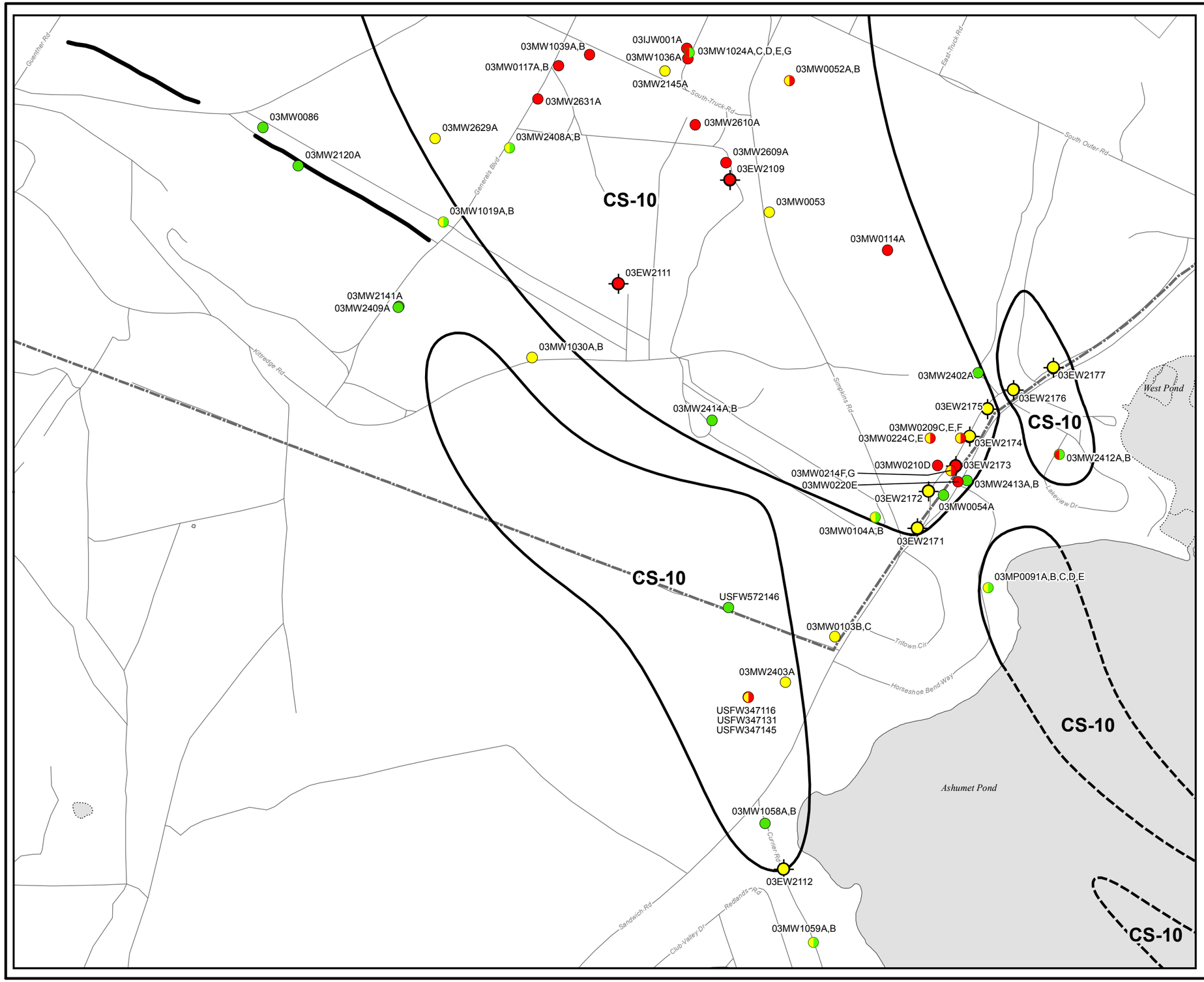
CS-10 IN-PLUME AREA 2012 COC DETECTIONS IN GROUNDWATER

AFCEC - Massachusetts Military Reservation

CS-10 2012 Summary Letter Report

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Legend

- Extraction Well
- Infiltration Trench
- CS-10 Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary

Contaminant Detections in Groundwater

- No Detection
- Detection Below or At MCL
- Detection Above MCL

N

0 300 600 Feet

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

FIGURE 6

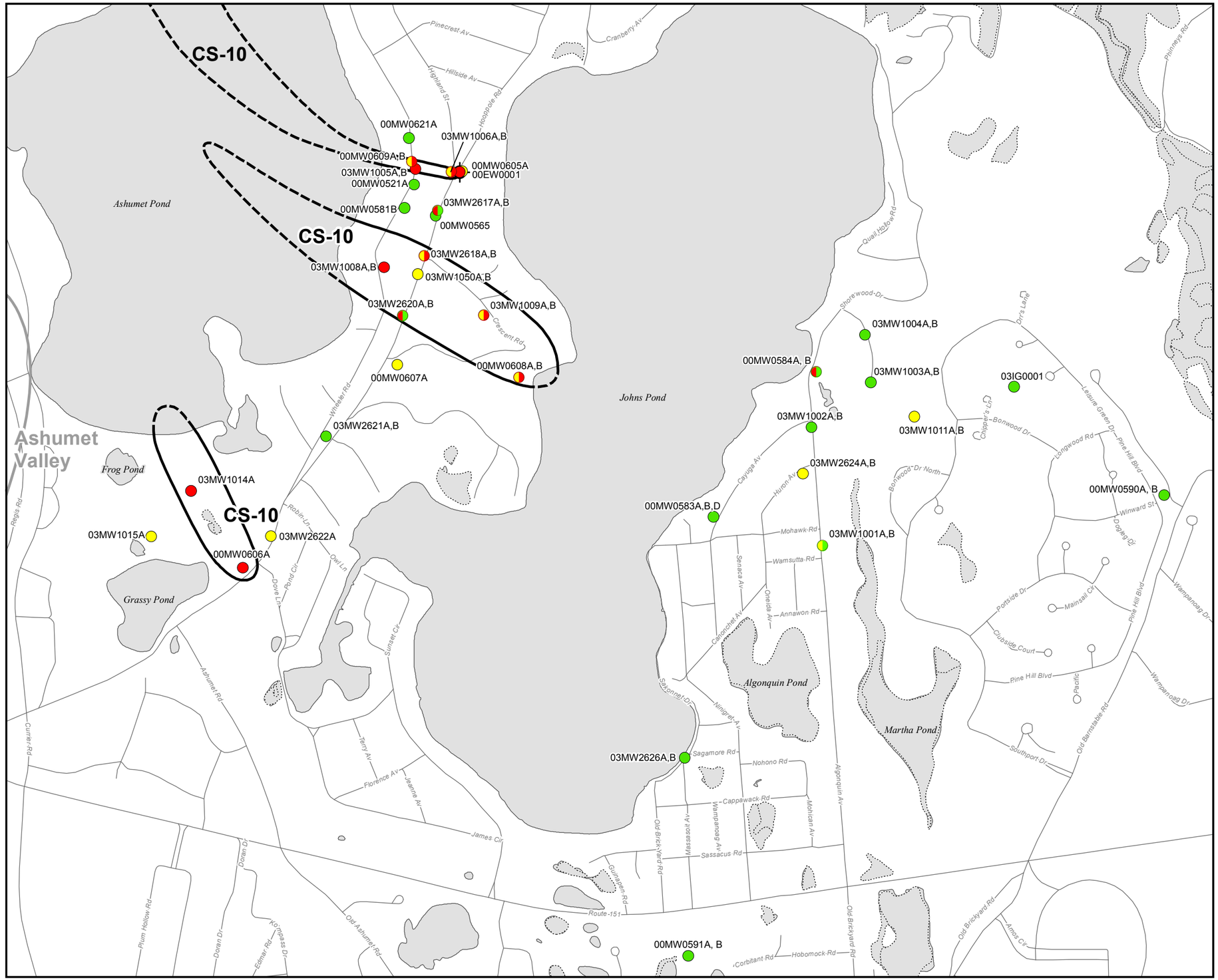
CS-10 SOUTHERN TRENCH/ SANDWICH ROAD AREA 2012 COC DETECTIONS IN GROUNDWATER

AFCEC - Massachusetts Military Reservation

CS-10 2012 Summary Letter Report

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Legend

- Extraction Well
- Plume Boundary (Dashed Where Inferred)
- Other Plume Boundary
- Bog/Wetland

Contaminant Detections in Groundwater

- No Detection
- Detection Below or At MCL
- Detection Above MCL

N

0 425 850

Feet

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

FIGURE 7

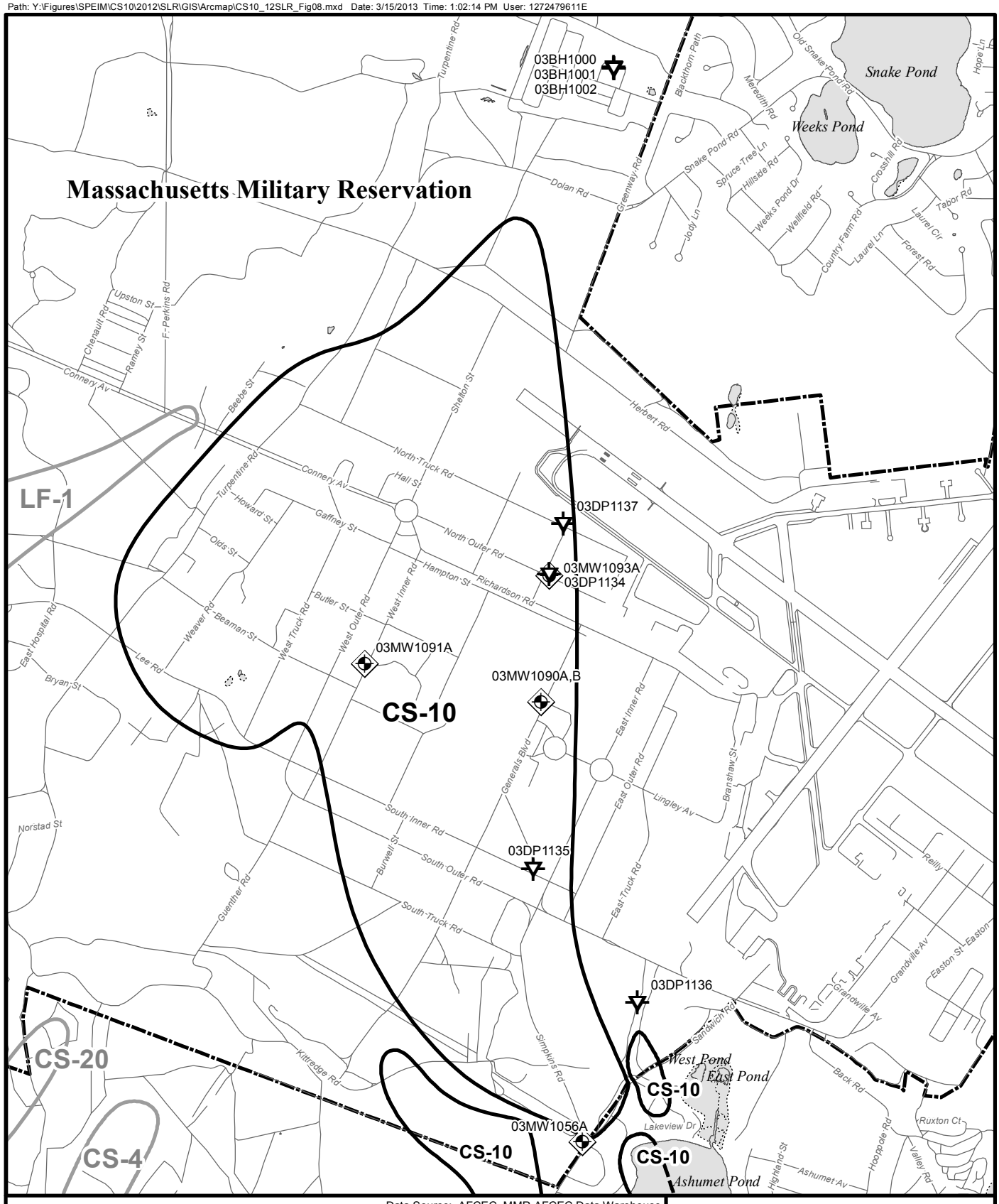
CS-10 LEADING EDGE AREA 2012 COC DETECTIONS IN GROUNDWATER

AFCEC - Massachusetts Military Reservation

CS-10 2012 Summary Letter Report

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Data Source: AFCEC, MMR-AFCEC Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

Legend

- Massachusetts Military Reservation Boundary
- CS-10 Plume Boundary (Dashed Where Inferred)
- Other Plume Boundary
- Direct Push Location
- Newly Installed Monitoring Well

N

0 980 1,960 Feet

FIGURE 8

CS-10 2012 DRILLING LOCATIONS

AFCEC - Massachusetts Military Reservation

CS-10 2012 Summary Letter Report

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Data Source: AFCEC, MMR-AFCEC Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

Legend

- Massachusetts Military Reservation Boundary
- CS-10 Plume Boundary (Dashed Where Inferred)

Contaminant Detections in Groundwater

- No Detection
- Detection Below or At MCL
- Detection Above MCL

N

0 440 880 Feet

FIGURE 9

CS-10 2012 DRILLING LOCATIONS COC DETECTIONS IN GROUNDWATER

AFCEC - Massachusetts Military Reservation
CS-10 2012 Summary Letter Report

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TABLES

Table 1
CS-10 Well Construction, Drilling, and Surface Water Sampling Location Information
CS-10 2012 Summary Letter Report

Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Screen Beginning Depth (ft bgs)	Screen End Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
00EW0001**	231986	866114	57	52.67	128	83.00	123.00	-25.70	-65.70	40
00MW0521A	231882	865740	61	63.10	90	80.00	90.00	-18.70	-28.70	10
00MW0565	231625	865916	60	59.33	123	118.00	123.00	-58.15	-63.15	5
00MW0581B	231689	865658	69	68.24	116	110.70	115.70	-42.20	-47.20	5
00MW0583A	229137	868212	45	44.72	295	290.00	295.00	-244.83	-249.83	5
00MW0583B	229146	868202	45	47.65	177	170.00	175.00	-125.04	-130.04	5
00MW0583D	229146	868202	45	47.66	26	15.00	25.00	29.96	19.96	10
00MW0584A	230336	869057	43	42.36	286	281.00	286.00	-238.28	-243.28	5
00MW0584B	230339	869062	43	42.38	146	141.00	146.00	-98.34	-103.34	5
00MW0590A	229315	871935	76	75.40	245	239.86	244.86	-164.20	-169.20	5
00MW0590B	229315	871935	76	75.40	111	106.00	111.00	-30.34	-35.34	5
00MW0591A	225506	868003	42	41.43	248	242.80	247.80	-200.86	-205.86	5
00MW0591B	225508	868010	42	41.42	160	155.00	160.00	-113.04	-118.04	5
00MW0605A	231992	866133	63	62.74	205	199.50	204.50	-136.20	-141.20	5
00MW0606A	228714	864322	66	65.34	325	320.00	325.00	-254.29	-259.29	5
00MW0607A	230391	865600	74	75.99	212	207.00	212.00	-133.24	-138.24	5
00MW0608A	230291	866604	43	42.47	245	239.50	244.50	-196.81	-201.81	5
00MW0608B	230292	866603	43	42.49	174	169.20	174.20	-126.51	-131.51	5
00MW0609A	232074	865715	60	60.13	145	139.60	144.60	-79.13	-84.13	5
00MW0609B	232074	865715	60	60.14	76	70.40	75.40	-9.93	-14.93	5
00MW0621A	232266	865695	68	67.38	115	110.00	115.00	-42.27	-47.27	5
03DP0039B	238203	861183	113	112.67	151	145.52	150.52	-32.63	-37.63	5
03DP1134*	242601	862246	126	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03DP1135*	238294	862019	110	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03DP1136*	236343	863535	83	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03DP1137*	243335	862454	128	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03EW2102	242823	858952	130	127.10	266	200.64	261.48	-70.47	-131.31	61
03EW2103	239179	859806	115	112.79	190	145.00	185.00	-30.13	-70.13	40
03EW2104**	241975	857773	126	122.81	267	116.00	226.11	10.42	-99.69	110
03EW2105**	241291	859752	123	120.35	168	121.27	163.00	1.94	-39.79	42
03EW2106	240984	860382	118	115.35	180	100.00	175.00	17.66	-57.34	75
03EW2107	241230	856741	115	111.57	170	109.20	164.50	5.60	-49.70	55
03EW2109	236634	861708	107	103.95	242	131.00	221.00	-23.73	-113.73	90
03EW2110**	243932	860243	132	129.12	207	172.00	202.00	-39.55	-69.55	30
03EW2111	235979	861004	107	97.78	210	160.00	205.00	-53.41	-98.41	45
03EW2112**	232282	862046	58	58.40	213	148.00	168.00	-89.59	-109.59	20
03EW2171**	234435	862892	59	55.75	221	160.00	216.00	-101.28	-157.28	56
03EW2172**	234667	862963	61	57.98	229	140.00	224.00	-78.86	-162.86	84
03EW2173**	234827	863134	60	56.11	230	138.70	225.00	-79.14	-165.44	86
03EW2174**	235014	863221	61	57.48	229	140.00	224.00	-79.43	-163.43	84
03EW2175**	235188	863334	62	59.44	231	164.90	226.00	-102.53	-163.63	61
03EW2176**	235309	863497	69	65.71	241	194.20	236.00	-125.31	-167.11	42
03EW2177**	235450	863749	89	85.94	253	214.00	248.00	-125.05	-159.05	34
03IG0001	230210	870693	76	77.31	108	88.00	108.00	-12.00	-32.00	20
03IJW001A	237462	861437	110	109.46	190	185.00	190.00	-75.30	-80.30	5
03MP0091A	234059	863337	50	49.54	216	212.12	214.62	-162.57	-165.07	3
03MP0091B	234059	863337	50	49.54	172	169.62	172.12	-120.07	-122.57	3
03MP0091C	234059	863337	50	49.54	138	135.12	137.62	-85.57	-88.07	3
03MP0091D	234059	863337	50	49.54	101	98.62	101.12	-49.07	-51.57	3
03MP0091E	234059	863337	50	49.54	62	59.12	61.62	-9.57	-12.07	3
03MW0020	248403	862312	147	149.20	119	114.00	119.00	32.60	27.60	5
03MW0021A	246814	861248	142	144.78	141	134.05	141.05	7.85	0.85	7
03MW0022A	246957	860937	143	145.73	150	145.00	150.00	-2.10	-7.10	5
03MW0023A	246604	861613	141	140.70	155	150.00	155.00	-9.00	-14.00	5
03MW0024A	246280	861971	140	139.96	146	141.20	146.20	-1.10	-6.10	5
03MW0028A	244884	860560	134	137.25	192	186.85	191.85	-52.45	-57.45	5
03MW0028C	244877	860568	135	137.10	159	154.00	159.00	-19.28	-24.28	5
03MW0029A	243251	859684	131	131.32	186	180.80	185.80	-49.91	-54.91	5
03MW0029B	243255	859675	131	130.83	149	144.00	149.00	-13.18	-18.18	5
03MW0029Z	243272	859672	131	131.27	232	227.00	232.00	-95.76	-100.76	5
03MW0030A	243448	859265	134	134.13	154	149.00	154.00	-14.86	-19.86	5
03MW0032	242854	860139	130	128.72	155	150.00	155.00	-20.44	-25.44	5

Table 1
CS-10 Well Construction, Drilling, and Surface Water Sampling Location Information
CS-10 2012 Summary Letter Report

Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Screen Beginning Depth (ft bgs)	Screen End Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
03MW0033	242680	860738	128	127.47	163	157.65	162.65	-30.00	-35.00	5
03MW0034	242375	861408	125	126.28	160	154.90	159.90	-29.50	-34.50	5
03MW0035	243915	857576	123	125.98	140	135.00	140.00	-11.80	-16.80	5
03MW0036	244076	857251	118	120.30	120	114.81	119.81	3.04	-1.96	5
03MW0040B	240174	857140	67	69.05	99	94.00	99.00	-27.40	-32.40	5
03MW0045	240291	860524	120	119.74	143	135.00	140.00	-15.50	-20.50	5
03MW0045A	240289	860514	120	122.49	186	180.50	185.50	-60.90	-65.90	5
03MW0045Z	240277	860516	119	120.91	270	265.00	270.00	-145.70	-150.70	5
03MW0046	241036	859345	125	126.19	130	125.00	130.00	0.30	-4.70	5
03MW0048	242750	856391	113	115.49	110	104.50	109.50	8.34	3.34	5
03MW0049	239999	861675	117	120.52	150	140.00	150.00	-22.84	-32.84	10
03MW0052A	237261	862083	109	111.44	260	255.00	260.00	-146.26	-151.26	5
03MW0052B	237250	862101	109	111.32	200	194.90	199.90	-85.91	-90.91	5
03MW0053	236427	861957	88	89.54	140	135.00	140.00	-47.50	-52.50	5
03MW0054A	234642	863057	59	61.29	131	125.50	130.50	-66.58	-71.58	5
03MW0069	243264	857536	133	132.83	135	130.00	135.00	2.84	-2.16	5
03MW0070A	242339	857085	115	114.59	192	187.00	192.00	-71.85	-76.85	5
03MW0070B	242333	857089	115	114.51	105	99.50	104.50	15.65	10.65	5
03MW0075	240727	856481	103	102.97	114	109.40	114.15	-6.42	-11.17	5
03MW0079	240376	860283	119	122.02	135	129.50	134.50	-10.50	-15.50	5
03MW0082	240593	857546	118	117.56	165	159.90	164.90	-42.10	-47.10	5
03MW0083	240030	858235	120	119.89	124	119.40	124.40	0.60	-4.40	5
03MW0086	236965	858761	108	111.15	119	114.40	119.40	-6.90	-11.90	5
03MW0096	238388	861103	114	112.95	146	140.30	145.30	-26.80	-31.80	5
03MW0097	243177	858176	125	127.83	145	140.00	145.00	-14.80	-19.80	5
03MW0100A	239675	857547	103	105.17	205	200.20	205.20	-97.09	-102.09	5
03MW0101B	239631	858052	119	121.71	145	140.00	145.00	-20.82	-25.82	5
03MW0103B	233750	862371	65	67.01	190	185.00	190.00	-120.06	-125.06	5
03MW0103C	233749	862371	65	67.01	135	130.30	135.30	-65.36	-70.36	5
03MW0104A	234503	862626	62	64.21	215	210.00	215.00	-148.24	-153.24	5
03MW0104B	234503	862626	62	64.23	105	99.50	104.50	-37.74	-42.74	5
03MW0106B	242550	857479	114	116.96	115	110.00	115.00	4.42	-0.58	5
03MW0107B	244772	859403	134	135.96	156	150.00	155.20	-16.26	-21.46	5
03MW0109A	241698	860312	124	126.05	215	210.00	215.00	-85.99	-90.99	5
03MW0109B	241697	860312	124	126.01	158	152.00	157.00	-27.99	-32.99	5
03MW0110A	239258	859983	115	114.80	257	252.00	257.00	-136.73	-141.73	5
03MW0110B	239259	859983	115	114.75	177	171.60	176.60	-56.33	-61.33	5
03MW0111B	239480	861452	115	117.36	139	134.00	139.00	-18.98	-23.98	5
03MW0112A	243346	861452	131	130.33	213	208.00	213.00	-77.23	-82.23	5
03MW0112B	243357	861457	131	130.62	178	172.00	177.00	-41.17	-46.17	5
03MW0114A	236190	862704	105	108.00	225	219.00	224.00	-113.69	-118.69	5
03MW0116B	239726	859065	115	114.53	165	160.00	165.00	-44.94	-49.94	5
03MW0117A	237354	860627	110	112.14	255	250.00	255.00	-140.33	-145.33	5
03MW0117B	237353	860626	110	112.13	155	149.50	154.50	-39.83	-44.83	5
03MW0118B	238056	862474	110	109.59	151	146.00	151.00	-36.14	-41.14	5
03MW0209C	235004	863164	60	62.27	144	138.85	143.85	-79.10	-84.10	5
03MW0209E	235005	863164	60	62.25	188	182.85	187.85	-123.10	-128.10	5
03MW0209F	235007	863159	60	62.18	209	204.40	209.40	-144.69	-149.69	5
03MW0210D	234829	863020	61	63.96	170	165.00	170.00	-103.52	-108.52	5
03MW0214F	234799	863102	58	60.50	209	204.00	209.00	-145.98	-150.98	5
03MW0214G	234796	863107	58	60.41	230	224.80	229.80	-166.83	-171.83	5
03MW0220E	234726	863148	60	63.21	189	183.70	188.70	-123.24	-128.24	5
03MW0224C	235003	862971	86	88.29	171	165.70	170.70	-80.04	-85.04	5
03MW0224E	235003	862971	86	88.28	216	210.50	215.50	-124.84	-129.84	5
03MW1001A	228900	869111	78	77.44	325	319.96	324.90	-242.21	-247.15	5
03MW1001B	228901	869111	78	77.41	274	268.72	273.86	-190.97	-196.11	5
03MW1002A	229874	869021	82	81.70	320	314.54	319.67	-232.45	-237.58	5
03MW1002B	229874	869021	82	81.71	265	260.05	265.17	-177.96	-183.08	5
03MW1003A	230246	869512	84	83.22	325	319.55	324.55	-235.85	-240.85	5
03MW1003B	230246	869512	84	83.24	245	239.65	244.65	-155.95	-160.95	5
03MW1004A	230639	869464	84	83.70	335	330.00	335.00	-245.85	-250.85	5
03MW1004B	230639	869464	84	83.66	255	250.00	255.00	-165.85	-170.85	5

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Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Screen Beginning Depth (ft bgs)	Screen End Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
03MW1005A	232011	865751	60	60.00	149	143.21	148.21	-82.76	-87.76	5
03MW1005B	232011	865751	60	59.90	111	106.00	111.00	-45.55	-50.55	5
03MW1006A	231988	866043	59	58.08	110	104.50	109.50	-45.78	-50.78	5
03MW1006B	231989	866042	59	58.00	90	85.00	90.00	-26.28	-31.28	5
03MW1008A	231198	865490	85	84.24	244	239.00	244.00	-154.34	-159.34	5
03MW1008B	231198	865490	85	84.24	211	205.00	210.00	-120.34	-125.34	5
03MW1009A	230806	866311	88	87.78	276	270.00	275.00	-181.74	-186.74	5
03MW1009B	230806	866311	88	87.90	236	230.00	235.00	-141.74	-146.74	5
03MW1011A	229964	869872	83	85.18	295	290.00	295.00	-207.04	-212.04	5
03MW1011B	229964	869872	83	85.24	256	250.00	255.00	-167.04	-172.04	5
03MW1014A	229350	863895	57	56.77	295	290.07	294.62	-233.01	-237.56	5
03MW1015A	228973	863568	49	48.75	256	250.73	255.28	-201.31	-205.86	5
03MW1018A	238034	859765	111	110.08	255	250.19	254.87	-139.51	-144.19	5
03MW1018B	238034	859764	111	110.09	165	159.74	164.42	-49.06	-53.74	5
03MW1019A	236367	859899	106	105.94	256	250.28	255.00	-143.90	-148.62	5
03MW1019B	236366	859899	106	105.92	186	180.31	185.00	-73.93	-78.62	5
03MW1020A	237710	860366	110	109.91	251	245.29	250.00	-134.92	-139.63	5
03MW1020B	237711	860366	110	109.90	166	160.28	165.00	-49.91	-54.63	5
03MW1024A	237438	861451	110	109.80	250	245.29	250.00	-135.01	-139.72	5
03MW1024C	237438	861451	110	109.79	205	200.29	205.00	-90.01	-94.72	5
03MW1024D	237441	861444	110	109.43	196	190.29	195.00	-80.22	-84.93	5
03MW1024E	237438	861451	110	109.75	185	180.02	185.00	-69.74	-74.72	5
03MW1024G	237438	861451	110	109.79	157	152.24	157.00	-41.96	-46.72	5
03MW1028A	238749	861038	115	114.06	236	230.29	235.00	-115.71	-120.42	5
03MW1028B	238749	861038	115	114.14	146	140.29	145.00	-25.71	-30.42	5
03MW1030A	235512	860459	101	100.00	260	255.00	260.00	-154.03	-159.03	5
03MW1030B	235514	860460	101	100.72	190	185.00	190.00	-83.99	-88.99	5
03MW1036A	237399	861443	110	109.71	177	172.26	177.26	-62.31	-67.31	5
03MW1039A	237423	860822	110	109.80	180	175.32	180.32	-65.17	-70.17	5
03MW1039B	237425	860818	110	109.85	160	155.33	160.33	-45.19	-50.19	5
03MW1050A	231142	865769	87	87.15	171	165.76	170.60	-78.39	-83.23	5
03MW1050B	231145	865770	87	86.70	151	146.00	151.00	-58.82	-63.82	5
03MW1058A	232568	861931	60	59.50	213	208.76	213.06	-148.71	-153.01	4
03MW1058B	232568	861931	60	59.61	181	176.62	180.98	-116.57	-120.93	4
03MW1059A	231820	862235	56	55.50	210	205.10	209.50	-148.97	-153.37	4
03MW1059B	231815	862236	56	55.45	170	165.20	169.50	-109.06	-113.36	4
03MW1090A	240752	862129	120	119.75	205	199.61	204.26	-79.56	-84.21	5
03MW1090B	240752	862129	120	119.75	165	159.66	164.45	-39.61	-44.40	5
03MW2105A	242732	858911	130	129.35	235	225.00	235.00	-95.32	-105.32	10
03MW2106A	242401	858714	129	128.15	236	225.50	235.50	-96.94	-106.94	10
03MW2108A	239079	859807	115	114.99	170	160.00	170.00	-44.79	-54.79	10
03MW2110A	238208	859826	113	112.60	170	160.00	170.00	-47.19	-57.19	10
03MW2111B	241277	859745	124	123.14	165	160.00	165.00	-36.41	-41.41	5
03MW2116A	241197	862161	121	119.80	175	170.00	175.00	-49.50	-54.50	5
03MW2117A	242135	859567	126	125.71	230	225.00	230.00	-98.67	-103.67	5
03MW2117B	242135	859567	126	125.61	180	175.00	180.00	-48.67	-53.67	5
03MW2118A	238774	861739	111	110.88	165	160.20	165.20	-49.00	-54.00	5
03MW2119A	241744	861129	123	122.92	229	224.00	229.00	-100.64	-105.64	5
03MW2119B	241745	861129	123	122.79	180	175.00	180.00	-51.64	-56.64	5
03MW2120A	236722	858983	108	110.39	160	155.00	160.00	-47.04	-52.04	5
03MW2121A	238821	860559	116	115.56	165	160.00	165.00	-44.06	-49.06	5
03MW2122A	244164	860408	133	132.30	185	180.00	185.00	-47.44	-52.44	5
03MW2124A	241509	857653	124	123.60	205	200.00	205.00	-76.00	-81.00	5
03MW2141A	235833	859619	103	105.53	115	109.90	114.90	-6.95	-11.95	5
03MW2145A	237320	861298	110	112.21	159	153.50	158.50	-43.35	-48.35	5
03MW2148A	239518	859424	118	117.23	175	170.00	175.00	-52.44	-57.44	5
03MW2149A	238818	860569	116	115.91	133	128.00	133.00	-11.82	-16.82	5
03MW2150A	241951	857731	126	125.30	195	190.00	195.00	-64.32	-69.32	5
03MW2152A	240682	859693	121	123.92	125	120.00	125.00	0.98	-4.02	5
03MW2153A	240135	861151	117	119.61	155	150.00	155.00	-32.99	-37.99	5
03MW2160A	237821	860291	110	111.98	133	128.00	133.00	-17.63	-22.63	5
03MW2402A	235413	863275	74	77.03	152	146.75	151.75	-72.64	-77.64	5

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Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Screen Beginning Depth (ft bgs)	Screen End Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
03MW2403A	233460	862060	69	71.83	118	113.00	118.00	-44.38	-49.38	5
03MW2408A	236836	860315	108	110.84	225	220.00	225.00	-112.36	-117.36	5
03MW2408B	236836	860315	108	110.54	185	180.00	185.00	-72.36	-77.36	5
03MW2409A	235828	859616	103	105.41	187	181.50	186.50	-78.87	-83.87	5
03MW2412A	234899	863788	86	85.23	226	220.78	225.78	-135.20	-140.20	5
03MW2412B	234899	863788	86	85.27	185	180.18	185.18	-94.60	-99.60	5
03MW2413A	234734	863204	61	60.37	225	220.00	225.00	-159.22	-164.22	5
03MW2413B	234739	863211	62	61.37	175	170.00	175.00	-108.40	-113.40	5
03MW2414A	235114	861596	103	101.54	226	221.00	226.00	-118.46	-123.46	5
03MW2414B	235114	861596	103	102.13	185	180.00	185.00	-77.46	-82.46	5
03MW2602A	241330	856592	115	114.21	140	134.69	139.78	-20.06	-25.15	5
03MW2607A	240060	855946	111	110.46	206	201.00	206.00	-90.00	-95.00	5
03MW2608A	244023	860291	132	131.92	165	160.00	165.00	-27.63	-32.63	5
03MW2609A	236742	861683	108	107.20	195	190.00	195.00	-82.29	-87.29	5
03MW2610A	236982	861489	108	110.20	195	189.50	194.35	-81.66	-86.51	5
03MW2613B	240163	855188	100	99.92	142	136.83	141.68	-36.34	-41.19	5
03MW2617A	231668	865931	59	57.98	220	215.00	220.00	-156.45	-161.45	5
03MW2617B	231668	865930	59	57.98	105	100.00	105.00	-41.45	-46.45	5
03MW2618A	231295	865818	78	77.06	250	245.00	250.00	-167.27	-172.27	5
03MW2618B	231295	865818	78	77.06	154	148.50	153.50	-70.77	-75.77	5
03MW2620A	230801	865643	85	84.07	254	248.90	253.90	-164.17	-169.17	5
03MW2620B	230801	865642	85	84.10	145	139.70	144.70	-54.97	-59.97	5
03MW2621A	229800	865011	76	75.63	264	259.37	264.04	-183.56	-188.23	5
03MW2621B	229800	865011	76	75.62	190	185.36	189.86	-109.55	-114.05	5
03MW2622A	228976	864556	76	75.93	304	298.60	303.30	-222.28	-226.98	5
03MW2624A	229492	868951	83	83.02	326	320.40	325.10	-237.16	-241.86	5
03MW2624B	229492	868950	83	82.99	251	245.40	250.10	-162.16	-166.86	5
03MW2626A	227144	867976	42	41.85	295	289.39	294.22	-247.11	-251.94	5
03MW2626B	227143	867975	42	41.86	174	168.80	173.67	-126.52	-131.39	5
03MW2629A	236894	859849	108	107.36	129	123.81	128.61	-15.98	-20.78	5
03MW2631A	237144	860497	109	108.14	159	153.87	158.68	-45.28	-50.09	5
03UW0025B	249310	863117	150	149.71	99	94.46	99.46	55.50	50.50	5
03UW0027-098	249226	863085	149	148.62	99	97.00	99.00	51.89	49.89	2
38MW0061	238325	859267	113	116.68	148	143.40	148.40	-30.00	-35.00	5
38MW0062	238157	859491	112	115.25	148	143.21	148.21	-31.11	-36.11	5
38MW0063	238001	859827	111	113.51	150	144.50	149.50	-33.50	-38.50	5
USFW347116	233367	861824	60	61.45	116	114.00	116.00	-54.05	-56.05	2
USFW347131	233367	861824	60	61.27	131	129.00	131.00	-68.73	-70.73	2
USFW347145	233367	861824	60	61.58	145	143.00	145.00	-82.92	-84.92	2
USFW572146	233931	861699	94	93.50	146	143.59	145.59	-49.59	-51.59	2
Surface Water Sampling Location Information										
03SWJP01	233340	869080	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03SWJP02	230560	868983	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03SWJP03	232849	866922	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
95SWAP01	234344	864074	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
95SWAP02	232553	862149	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
95SWAP03	230246	862626	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

* Direct push boring location, samples collected during vertical profiling. Direct Push boring locations are presented on Figures 8 and 9.

** Extraction well screen length was shortened through installation of packers as result of optimization.

Key:

bgs = below ground surface

ft = feet

msl = mean sea level

N/A = not applicable

Table 2
CS-10 Groundwater Monitoring Results
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Location	Date	Laboratory Analyses		Water Quality Parameters					
		TCE (µg/L) MCL = 5	PCE (µg/L) MCL = 5	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
00EW0001	1/30/2012	**51**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	2/27/2012	**50**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	3/27/2012	**58**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	4/26/2012	**56**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	5/29/2012	**57**	BRL	11.69	6.39	7.09	96	198.9	0
00EW0001	6/26/2012	**53**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	7/18/2012	**62**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	8/28/2012	**52**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	9/27/2012	**57**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	10/25/2012	**57**	BRL	--*	--*	--*	--*	--*	--*
00EW0001	11/28/2012	**62**	BRL	11.1	7.14	6.32	89	220	0
00EW0001	12/26/2012	**52**	BRL	--*	--*	--*	--*	--*	--*
00MW0521A	11/2/2012	ND	ND	--	--	--	--	--	--
00MW0565	10/31/2012	ND	ND	--	--	--	--	--	--
00MW0581B	11/2/2012	ND	ND	--	--	--	--	--	--
00MW0583A	10/25/2012	ND	ND	--	--	--	--	--	--
00MW0583B	10/25/2012	ND	ND	--	--	--	--	--	--
00MW0583D	10/25/2012	ND	ND	--	--	--	--	--	--
00MW0584A	11/5/2012	**6.6**	1	--	--	--	--	--	--
00MW0584B	11/5/2012	ND	ND	--	--	--	--	--	--
00MW0590A	10/22/2012	ND	ND	--	--	--	--	--	--
00MW0590B	10/22/2012	ND	ND	--	--	--	--	--	--
00MW0591A	10/22/2012	ND	ND	--	--	--	--	--	--
00MW0591B	10/22/2012	ND	ND	--	--	--	--	--	--
00MW0605A	11/2/2012	ND	BRL	--	--	--	--	--	--
00MW0606A	10/31/2012	**13**	1.1	--	--	--	--	--	--
00MW0607A	10/31/2012	BRL	ND	--	--	--	--	--	--
00MW0608A	10/31/2012	**9.9**	1.7	--	--	--	--	--	--
00MW0608B	10/31/2012	BRL	ND	--	--	--	--	--	--
00MW0609A	11/2/2012	**118**	BRL	--	--	--	--	--	--
00MW0609B	11/2/2012	BRL	ND	--	--	--	--	--	--
00MW0621A	11/2/2012	ND	ND	--	--	--	--	--	--
03DP0039B	1/10/2012	**19**	ND	10.47	6.66	6.04	75	155.8	3.1
03EW2102	5/16/2012	**61**	BRL	12.52	5.97	9.44	117	147.4	1.5
03EW2102	11/27/2012	**58**	BRL	10.67	6.29	9.11	116	163.9	1.3
03EW2103	5/16/2012	**9.9**	2	12.21	5.83	12.38	125	161	0.6
03EW2103	11/27/2012	**10**	1.8	11.18	6.8	10.56	123	156.1	1.7
03EW2104	5/16/2012	**17**	BRL	11.81	5.89	10.12	126	144.6	2.3
03EW2104	9/18/2012	**16**	BRL	--*	--*	--*	--*	--*	--*
03EW2104	10/9/2012	**35**	BRL	--*	--*	--*	--*	--*	--*
03EW2104	10/17/2012	**37**	BRL	--*	--*	--*	--*	--*	--*
03EW2104	11/27/2012	**41**	BRL	10.66	6.29	8.94	127	169.5	0.3
03EW2105	5/16/2012	**12**	3.7	12.32	5.8	12.73	125	160.3	0.2
03EW2105	12/18/2012	**12**	3.5	11.61	6.19	10.85	126	179.2	0.1
03EW2106	5/16/2012	BRL	ND	11.62	5.75	12.33	113	170.9	0
03EW2106	11/27/2012	BRL	ND	10.14	6.5	11.54	117	170.4	0.6
03EW2107	5/16/2012	4.3	ND	12.99	5.82	11.86	183	146.2	0.4
03EW2107	11/27/2012	4.7	BRL	11.33	6.23	10.08	185	160.3	2.9
03EW2109	3/21/2012	**10**	ND	12.82	5.99	11.2	131	177.7	0.5
03EW2109	9/11/2012	**7.8**	ND	13.72	6.62	9.68	120	60.4	0.3
03EW2110	1/23/2012	4.3	2	--*	--*	--*	--*	--*	--*
03EW2110	3/21/2012	**18**	2.2	--*	--*	--*	--*	--*	--*
03EW2110	4/11/2012	**8.6**	1.3	--*	--*	--*	--*	--*	--*
03EW2110	4/13/2012	**5.2**	1.7	--*	--*	--*	--*	--*	--*
03EW2110	4/18/2012	**5.4**	2.3	--*	--*	--*	--*	--*	--*
03EW2110	5/11/2012	4.1	2.2	--*	--*	--*	--*	--*	--*
03EW2110	6/6/2012	3.4	1.8	--*	--*	--*	--*	--*	--*
03EW2110	8/20/2012	**13**	BRL	--*	--*	--*	--*	--*	--*
03EW2110	8/22/2012	**5.8**	1.6	--*	--*	--*	--*	--*	--*
03EW2110	8/27/2012	4.6	1.4	--*	--*	--*	--*	--*	--*
03EW2110	9/20/2012	3.9	2	--*	--*	--*	--*	--*	--*
03EW2110	10/19/2012	4.5	2.1	--*	--*	--*	--*	--*	--*

Table 2
CS-10 Groundwater Monitoring Results
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Location	Date	Laboratory Analyses		Water Quality Parameters					
		TCE (µg/L) MCL = 5	PCE (µg/L) MCL = 5	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
03EW2111	5/17/2012	4.2	BRL	--*	--*	--*	--*	--*	--*
03EW2111	11/27/2012	**5.2**	BRL	11.46	6.78	11.21	223	155.4	2.8
03EW2112	5/17/2012	1.3	ND	--*	--*	--*	--*	--*	--*
03EW2112	12/18/2012	1.3	ND	11.66	6.98	8.6	86	121.4	4
03EW2171	5/17/2012	4.5	ND	--*	--*	--*	--*	--*	--*
03EW2171	11/6/2012	4.5	ND	11.44	6.4	10.28	112	110.5	0.2
03EW2172	5/17/2012	3.9	ND	--*	--*	--*	--*	--*	--*
03EW2172	11/6/2012	2.4	ND	10.48	6.2	11.22	115	134.2	1.4
03EW2173	5/17/2012	**14**	BRL	--*	--*	--*	--*	--*	--*
03EW2173	11/6/2012	**14**	BRL	11.12	6.34	13.6	107	138.2	2.1
03EW2174	5/17/2012	**5.4**	BRL	--*	--*	--*	--*	--*	--*
03EW2174	11/6/2012	3	BRL	10.92	6.34	11.02	116	141.5	1.7
03EW2175	5/17/2012	2.5	BRL	--*	--*	--*	--*	--*	--*
03EW2175	11/6/2012	1.4	ND	11.54	6.05	10.48	130	202.5	1.9
03EW2176	1/23/2012	1.1	ND	--*	--*	--*	--*	--*	--*
03EW2176	2/23/2012	1.9	ND	--*	--*	--*	--*	--*	--*
03EW2176	3/21/2012	1.9	ND	--*	--*	--*	--*	--*	--*
03EW2176	4/18/2012	1.1	ND	--*	--*	--*	--*	--*	--*
03EW2176	5/17/2012	1	ND	--*	--*	--*	--*	--*	--*
03EW2176	6/19/2012	BRL	ND	--*	--*	--*	--*	--*	--*
03EW2176	7/18/2012	1.2	ND	--*	--*	--*	--*	--*	--*
03EW2176	9/6/2012	BRL	ND	--*	--*	--*	--*	--*	--*
03EW2176	11/6/2012	1.4	BRL	--*	--*	--*	--*	--*	--*
03EW2177	1/23/2012	4.9	BRL	--*	--*	--*	--*	--*	--*
03EW2177	2/23/2012	4.6	BRL	--*	--*	--*	--*	--*	--*
03EW2177	3/21/2012	4.8	BRL	--*	--*	--*	--*	--*	--*
03EW2177	4/18/2012	4.4	BRL	--*	--*	--*	--*	--*	--*
03EW2177	5/17/2012	4.1	BRL	--*	--*	--*	--*	--*	--*
03EW2177	6/19/2012	2.4	BRL	--*	--*	--*	--*	--*	--*
03EW2177	7/18/2012	2.6	BRL	--*	--*	--*	--*	--*	--*
03EW2177	9/6/2012	2.5	BRL	--*	--*	--*	--*	--*	--*
03EW2177	11/6/2012	2.2	BRL	--*	--*	--*	--*	--*	--*
03IG0001	10/25/2012	ND	ND	12.57	5.98	2.95	115	124.6	6
03IJW001A	3/21/2012	**427**	BRL	11.89	7.41	14.57	118	152.6	10.2
03IJW001A	9/11/2012	**325**	BRL	12.45	7.26	12.12	139	-32.3	20.3
03MP0091A	11/15/2012	1.7	ND	11.33	6.35	10.48	177	145.9	1.6
03MP0091B	11/15/2012	3.9	ND	11.27	6.33	9.42	137	92.5	2.2
03MP0091C	11/15/2012	ND	ND	11.18	6.49	2.5	82	32	2.9
03MP0091D	11/15/2012	ND	ND	11.24	6.09	8.68	206	122.6	4
03MP0091E	11/15/2012	ND	ND	11.39	6.16	8.91	228	93.4	2.5
03MW0020	10/10/2012	BRL	1.1	--	--	--	--	--	--
03MW0021A	10/10/2012	BRL	1.7	--	--	--	--	--	--
03MW0022A	10/10/2012	ND	ND	--	--	--	--	--	--
03MW0023A	10/10/2012	ND	ND	--	--	--	--	--	--
03MW0024A	10/10/2012	ND	ND	--	--	--	--	--	--
03MW0028A	10/10/2012	**46**	ND	--	--	--	--	--	--
03MW0028C	10/10/2012	ND	ND	--	--	--	--	--	--
03MW0029A	10/11/2012	4.2	1.1	--	--	--	--	--	--
03MW0029B	10/11/2012	1.5	1.5	--	--	--	--	--	--
03MW0029Z	10/11/2012	ND	ND	--	--	--	--	--	--
03MW0030A	10/11/2012	2.4	2.5	--	--	--	--	--	--
03MW0032	10/11/2012	BRL	**5.7**	--	--	--	--	--	--
03MW0033	10/11/2012	1.3	ND	--	--	--	--	--	--
03MW0034	10/11/2012	ND	ND	--	--	--	--	--	--
03MW0035	10/9/2012	4.2	ND	--	--	--	--	--	--
03MW0036	10/18/2012	ND	ND	--	--	--	--	--	--
03MW0040B	10/19/2012	BRL	BRL	--	--	--	--	--	--
03MW0045	10/11/2012	**10**	BRL	--	--	--	--	--	--
03MW0045A	10/11/2012	ND	ND	--	--	--	--	--	--
03MW0045Z	11/16/2012	ND	ND	--	--	--	--	--	--
03MW0046	10/11/2012	2.1	BRL	--	--	--	--	--	--
03MW0048	10/9/2012	ND	ND	--	--	--	--	--	--
03MW0049	10/16/2012	BRL	ND	--	--	--	--	--	--
03MW0052A	11/20/2012	**25**	2	--	--	--	--	--	--
03MW0052B	11/20/2012	2.4	BRL	--	--	--	--	--	--

Table 2
CS-10 Groundwater Monitoring Results
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Location	Date	Laboratory Analyses		Water Quality Parameters					
		TCE (µg/L) MCL = 5	PCE (µg/L) MCL = 5	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
03MW0053	11/20/2012	1.3	BRL	--	--	--	--	--	--
03MW0054A	11/29/2012	ND	ND	--	--	--	--	--	--
03MW0069	10/9/2012	ND	ND	--	--	--	--	--	--
03MW0070A	10/18/2012	BRL	BRL	--	--	--	--	--	--
03MW0070B	10/18/2012	ND	ND	--	--	--	--	--	--
03MW0075	10/19/2012	ND	ND	--	--	--	--	--	--
03MW0079	10/11/2012	BRL	BRL	--	--	--	--	--	--
03MW0082	10/19/2012	1	BRL	--	--	--	--	--	--
03MW0083	10/19/2012	ND	ND	--	--	--	--	--	--
03MW0086	11/20/2012	ND	ND	--	--	--	--	--	--
03MW0096	10/16/2012	**77**	BRL	--	--	--	--	--	--
03MW0097	10/18/2012	BRL	ND	--	--	--	--	--	--
03MW0100A	10/19/2012	1.2	ND	--	--	--	--	--	--
03MW0101B	10/19/2012	ND	ND	--	--	--	--	--	--
03MW0103B	11/27/2012	2	BRL	--	--	--	--	--	--
03MW0103C	11/27/2012	1.3	BRL	--	--	--	--	--	--
03MW0104A	11/29/2012	1.7	ND	--	--	--	--	--	--
03MW0104B	11/29/2012	ND	ND	--	--	--	--	--	--
03MW0106B	10/18/2012	ND	ND	--	--	--	--	--	--
03MW0107B	10/10/2012	3.6	4.3	--	--	--	--	--	--
03MW0109A	10/12/2012	ND	ND	14.82	6.66	0.51	86	-69.1	2.2
03MW0109B	10/12/2012	**20**	**32**	14.79	6.28	11.7	64	-8.8	2.7
03MW0110A	10/16/2012	ND	ND	--	--	--	--	--	--
03MW0110B	10/16/2012	**192**	**63**	--	--	--	--	--	--
03MW0111B	10/16/2012	ND	ND	--	--	--	--	--	--
03MW0112A	11/16/2012	ND	ND	--	--	--	--	--	--
03MW0112B	11/16/2012	**6.4**	ND	--	--	--	--	--	--
03MW0114A	11/20/2012	**17**	BRL	--	--	--	--	--	--
03MW0116B	10/16/2012	1.4	2	--	--	--	--	--	--
03MW0117A	11/20/2012	**27**	**5.5**	--	--	--	--	--	--
03MW0117B	11/20/2012	**15**	**6.7**	--	--	--	--	--	--
03MW0118B	11/16/2012	ND	ND	--	--	--	--	--	--
03MW0209C	11/29/2012	BRL	ND	--	--	--	--	--	--
03MW0209E	11/29/2012	**48**	BRL	--	--	--	--	--	--
03MW0209F	11/29/2012	3.3	BRL	--	--	--	--	--	--
03MW0210D	11/29/2012	**10**	ND	--	--	--	--	--	--
03MW0214F	11/29/2012	1.6	ND	--	--	--	--	--	--
03MW0214G	11/29/2012	**15**	BRL	--	--	--	--	--	--
03MW0220E	11/29/2012	**7.4**	BRL	--	--	--	--	--	--
03MW0224C	11/29/2012	1.5	ND	--	--	--	--	--	--
03MW0224E	11/29/2012	**30**	2.6	--	--	--	--	--	--
03MW1001A	10/22/2012	1.3	ND	--	--	--	--	--	--
03MW1001B	10/22/2012	ND	ND	--	--	--	--	--	--
03MW1002A	10/22/2012	ND	ND	--	--	--	--	--	--
03MW1002B	10/22/2012	ND	ND	--	--	--	--	--	--
03MW1003A	10/22/2012	ND	ND	--	--	--	--	--	--
03MW1003B	10/22/2012	ND	ND	--	--	--	--	--	--
03MW1004A	10/25/2012	ND	ND	--	--	--	--	--	--
03MW1004B	10/25/2012	ND	ND	--	--	--	--	--	--
03MW1005A	11/2/2012	**163**	1.1	--	--	--	--	--	--
03MW1005B	11/2/2012	**508**	3.3	--	--	--	--	--	--
03MW1006A	11/2/2012	**187**	1.4	--	--	--	--	--	--
03MW1006B	11/2/2012	4.5	ND	--	--	--	--	--	--
03MW1008A	11/2/2012	**8.2**	2.6	--	--	--	--	--	--
03MW1008B	11/2/2012	**35**	2.4	--	--	--	--	--	--
03MW1009A	10/31/2012	**10**	1.6	--	--	--	--	--	--
03MW1009B	10/31/2012	3.1	BRL	--	--	--	--	--	--
03MW1011A	10/25/2012	1.7	ND	--	--	--	--	--	--
03MW1011B	10/25/2012	BRL	ND	--	--	--	--	--	--
03MW1014A	10/31/2012	**36**	**15**	--	--	--	--	--	--
03MW1015A	10/31/2012	1.9	ND	--	--	--	--	--	--
03MW1018A	10/12/2012	**51**	ND	13.44	6.63	5.75	136	-32.9	2.2
03MW1018B	10/12/2012	**22**	ND	--	--	--	--	--	--
03MW1019A	11/20/2012	ND	ND	--	--	--	--	--	--
03MW1019B	11/20/2012	BRL	ND	--	--	--	--	--	--

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		TCE (µg/L) MCL = 5	PCE (µg/L) MCL = 5	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
03MW1020A	12/26/2012	**56**	ND	--	--	--	--	--	--
03MW1020B	12/26/2012	**55**	ND	--	--	--	--	--	--
03MW1024A	11/16/2012	**98**	2.6	--	--	--	--	--	--
03MW1024C	3/20/2012	**300**	BRL	13.29	6.5	9.07	76	150.9	0.7
03MW1024C	9/11/2012	**282**	BRL	15.2	6.55	8.43	10	157.1	0
03MW1024D	3/20/2012	**240**	1.1	13.86	6.53	11.05	75	162.6	0
03MW1024D	9/11/2012	**234**	1.1	15.21	6.65	14.8	119	-3.1	0
03MW1024E	11/16/2012	**50**	1	--	--	--	--	--	--
03MW1024G	11/16/2012	ND	ND	--	--	--	--	--	--
03MW1028A	10/16/2012	ND	ND	--	--	--	--	--	--
03MW1028B	10/16/2012	**5.8**	BRL	--	--	--	--	--	--
03MW1030A	1/10/2012	BRL	ND	10.41	6.77	7.82	186	68.5	42
03MW1030B	1/10/2012	3.2	ND	10.72	5.94	9.63	122	160.9	8.5
03MW1036A	3/21/2012	**16**	BRL	11.89	6.58	11.49	114	163.7	2.8
03MW1036A	9/11/2012	**16**	BRL	11.89	6.72	9.77	133	-33.3	0
03MW1039A	1/9/2012	**15**	**5.8**	11.46	6.53	9.29	68	42.1	24.2
03MW1039B	1/9/2012	**32**	**8.3**	11.14	6.18	10.05	60	80.9	0
03MW1050A	1/11/2012	3.7	BRL	11.83	6.55	0.63	104	-75.2	8.4
03MW1050B	1/11/2012	1.3	ND	11.42	5.89	8.93	94	104.2	482.2
03MW1058A	11/5/2012	ND	ND	--	--	--	--	--	--
03MW1058B	11/5/2012	ND	ND	--	--	--	--	--	--
03MW1059A	11/5/2012	ND	ND	--	--	--	--	--	--
03MW1059B	11/5/2012	BRL	ND	--	--	--	--	--	--
03MW2105A	10/9/2012	ND	ND	--	--	--	--	--	--
03MW2106A	10/18/2012	**154**	3.1	--	--	--	--	--	--
03MW2108A	10/16/2012	ND	BRL	--	--	--	--	--	--
03MW2110A	12/26/2012	1.8	BRL	--	--	--	--	--	--
03MW2111B	10/11/2012	**5.9**	**12**	--	--	--	--	--	--
03MW2116A	1/24/2012	**586**	**35**	12.34	6.46	6.45	130	155.8	2
03MW2117A	10/11/2012	ND	ND	--	--	--	--	--	--
03MW2117B	10/11/2012	**6.5**	ND	--	--	--	--	--	--
03MW2118A	11/16/2012	ND	ND	--	--	--	--	--	--
03MW2119A	10/11/2012	ND	ND	--	--	--	--	--	--
03MW2119B	10/11/2012	**61**	ND	--	--	--	--	--	--
03MW2120A	11/20/2012	ND	ND	--	--	--	--	--	--
03MW2121A	10/16/2012	**22**	2	--	--	--	--	--	--
03MW2122A	10/10/2012	**7.1**	ND	--	--	--	--	--	--
03MW2124A	10/9/2012	1	ND	--	--	--	--	--	--
03MW2141A	11/20/2012	ND	ND	--	--	--	--	--	--
03MW2145A	3/20/2012	BRL	ND	15.24	5.71	12.01	74	194.5	1.7
03MW2145A	9/11/2012	BRL	ND	16.14	5.83	12.14	80	231.6	0
03MW2148A	10/16/2012	3.8	BRL	--	--	--	--	--	--
03MW2149A	10/16/2012	BRL	ND	--	--	--	--	--	--
03MW2150A	10/9/2012	**101**	BRL	--	--	--	--	--	--
03MW2152A	10/11/2012	ND	ND	--	--	--	--	--	--
03MW2153A	10/16/2012	**13**	BRL	--	--	--	--	--	--
03MW2160A	12/26/2012	ND	ND	--	--	--	--	--	--
03MW2402A	11/29/2012	ND	ND	--	--	--	--	--	--
03MW2403A	12/26/2012	1.5	ND	--	--	--	--	--	--
03MW2408A	11/20/2012	ND	ND	--	--	--	--	--	--
03MW2408B	11/20/2012	1.7	ND	--	--	--	--	--	--
03MW2409A	11/20/2012	ND	ND	--	--	--	--	--	--
03MW2412A	6/1/2012	**19**	1.6	--	--	--	--	--	--
03MW2412A	6/20/2012	**9.2**	BRL	13.52	6.29	0.76	76	176.4	1
03MW2412A	11/27/2012	**12**	BRL	--	--	--	--	--	--
03MW2412B	6/1/2012	BRL	ND	--	--	--	--	--	--
03MW2412B	6/20/2012	BRL	ND	15.04	6.07	9.77	72	208.8	1.5
03MW2412B	11/27/2012	ND	ND	--	--	--	--	--	--
03MW2413A	11/27/2012	ND	ND	--	--	--	--	--	--
03MW2413B	11/27/2012	ND	ND	--	--	--	--	--	--
03MW2414A	12/26/2012	ND	ND	--	--	--	--	--	--
03MW2414B	12/26/2012	ND	ND	--	--	--	--	--	--
03MW2602A	10/9/2012	BRL	BRL	--	--	--	--	--	--
03MW2607A	10/19/2012	ND	ND	--	--	--	--	--	--
03MW2608A	10/10/2012	ND	ND	--	--	--	--	--	--

Table 2
CS-10 Groundwater Monitoring Results
CS-10 2012 Summary Letter Report

Location	Date	Laboratory Analyses		Water Quality Parameters					
		TCE (µg/L) MCL = 5	PCE (µg/L) MCL = 5	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
03MW2609A	3/22/2012	**17**	ND	14.52	5.89	8.6	64	145.7	2.8
03MW2609A	9/11/2012	**16**	ND	14.39	6.15	9.16	68	191.1	0.6
03MW2609A	11/20/2012	**8.7**	ND	--	--	--	--	--	--
03MW2610A	3/22/2012	**25**	BRL	12.78	5.98	8.5	81	169.1	1.7
03MW2610A	9/11/2012	**40**	BRL	14.01	6.14	8.81	84	203.8	0
03MW2610A	11/20/2012	**70**	BRL	--	--	--	--	--	--
03MW2613B	10/19/2012	ND	ND	--	--	--	--	--	--
03MW2617A	10/31/2012	**5.4**	ND	--	--	--	--	--	--
03MW2617B	10/31/2012	ND	ND	--	--	--	--	--	--
03MW2618A	10/31/2012	BRL	ND	--	--	--	--	--	--
03MW2618B	10/31/2012	**7.1**	BRL	--	--	--	--	--	--
03MW2620A	10/31/2012	**6.8**	4.4	--	--	--	--	--	--
03MW2620B	10/31/2012	ND	ND	--	--	--	--	--	--
03MW2621A	10/31/2012	ND	ND	--	--	--	--	--	--
03MW2621B	10/31/2012	ND	ND	--	--	--	--	--	--
03MW2622A	10/31/2012	4.4	BRL	--	--	--	--	--	--
03MW2624A	10/25/2012	BRL	ND	--	--	--	--	--	--
03MW2624B	10/25/2012	BRL	ND	--	--	--	--	--	--
03MW2626A	10/22/2012	ND	ND	--	--	--	--	--	--
03MW2626B	10/22/2012	ND	ND	--	--	--	--	--	--
03MW2629A	11/20/2012	BRL	ND	--	--	--	--	--	--
03MW2631A	11/20/2012	**14**	ND	--	--	--	--	--	--
03UW0025B	10/10/2012	BRL	1.3	--	--	--	--	--	--
03UW0027-098	10/10/2012	ND	BRL	--	--	--	--	--	--
38MW0061	12/26/2012	1.8	1.4	--	--	--	--	--	--
38MW0062	12/26/2012	BRL	BRL	--	--	--	--	--	--
38MW0063	12/26/2012	**13**	ND	--	--	--	--	--	--
USFW347116	12/26/2012	BRL	ND	--	--	--	--	--	--
USFW347131	12/26/2012	**16**	ND	--	--	--	--	--	--
USFW347145	12/26/2012	**7.2**	ND	--	--	--	--	--	--
USFW572146	12/26/2012	ND	ND	--	--	--	--	--	--

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

Bold values indicate MCL exceedances.

MCLs from Environmental Protection Agency (EPA) web page, http://www.epa.gov/safewater/contaminants/index.html.

* - Extraction well 03EW2106 was taken out of operation in February 2010.

--: Sample collected through use of passive diffusion bag sampler or hydrasleeve sampler; water quality parameter collection not performed.

--*: Water quality parameters were not collected.

Key:

BRL = below the reporting limit
^{o}C = degrees Celsius
DO = dissolved oxygen
J = estimated result
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 3
CS-10 Surface Water Monitoring Results
CS-10 2012 Summary Letter Report

Location	Date Sampled	Laboratory Analyses		Water Quality Parameters					
		TCE (µg/L) AWQC[1] = 190	PCE (µg/L) AWQC[1] = 1100	Temp (°C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
03SWJP01	4/11/2012	ND	ND	10.92	7.11	11.35	140	181.2	0.8
03SWJP01	7/5/2012	ND	ND	26.72	7.30	9.14	109	-113.9	0.0
03SWJP02	4/11/2012	ND	ND	11.97	6.94	11.48	142	158.9	1.1
03SWJP02	7/5/2012	ND	ND	27.01	6.86	8.81	109	-111.1	36.7
03SWJP03	4/11/2012	ND	ND	11.15	7.09	11.80	142	182.0	0.0
03SWJP03	7/5/2012	ND	ND	27.42	7.16	10.27	110	-112.3	0.8
95SWAP01	4/11/2012	ND	ND	11.52	7.15	11.77	152	160.8	1.8
95SWAP02	4/11/2012	ND	ND	12.91	7.04	11.88	146	159.7	2.7
95SWAP03	4/11/2012	ND	ND	12.32	6.98	11.40	153	164.8	5.4

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Note:

1. AWQC = MassDEP Ambient Water Quality Criteria Standards, table at 310 CMR 40.1516(1) from MassDEP web page http://www.mass.gov/dep/cleanup/laws/nrs07.pdf.

Key:

AWQC = MassDEP Ambient Water Quality Criteria
°C = degrees Celsius
DO = dissolved oxygen
mg/L = milligrams per liter
mV = millivolts
ND = not detected
ORP = oxidation-reduction potential
NTU = nephelometric turbidity units
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
Temp = temperature
TCE = trichloroethene
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 4
CS-10 Meeting Presentations
CS-10 2012 Summary Letter Report

Technical Update Meetings

26 January 2012	CS-10 Data Gap Investigation Update
26 January 2012	CS-10 SPEIM/LTM 2010/2011 Biennial Data Presentation Follow Up
26 April 2012	CS-10 Data Gap Investigation Update
26 April 2012	CS-10 SPEIM/LTM 2011 Annual Data Presentation
20 June 2012	CS-10 SPEIM/LTM 2011 Annual Data Presentation Follow Up
20 June 2012	CS-10 Data Gap Investigation Update
28 August 2012	CS-10 2012 Data Gap Investigation Report Summary
28 August 2012	CS-10 Remedial System Optimization Approach
27 September 2012	CS-10 LUC Boundary Update
28 November 2012	CS-10 Optimization Modeling – Phase I Results

MMR Cleanup Team (MMRCT)

No presentations

SMB Meetings

No presentations

Conferences

No presentations

Table 5a
CS-10 In-Plume Treatment Plant A Sampling Results
CS-10 2012 Summary Letter Report

Month of Event	Sample Date	Sample Location	Description	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL=5	TCE (µg/L) MCL=5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
February	30-Jan-12	03PLT01001	Plant A Influent	2.0	**9.9**	--	--	--	--	--	--
		03PLT01004	Post-101B	ND	2.0	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	BRL	--	--	--	--	--	--
Carbon was replaced in CF101B on 14 February 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag.											
March	29-Feb-12	03PLT01001	Plant A Influent	2.1	**9.8**	--	--	--	--	--	--
		03PLT01002	Post-101A	ND	1.2	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101A on 23 March 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag.											
April	03-Apr-12	03PLT01001	Plant A Influent	2.1	**10.0**	--	--	--	--	--	--
		03PLT01004	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	ND	--	--	--	--	--	--
May	26-Apr-12	03PLT01001	Plant A Influent	1.9	**9.7**	--	--	--	--	--	--
		03PLT01004	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	ND	--	--	--	--	--	--
June	29-May-12	03PLT01001	Plant A Influent	1.8	**8.8**	11.27	155	9.35	5.74	199.0	0.0
		03PLT01004	Post-101B	ND	BRL	11.48	155	9.31	5.73	205.8	0.0
		03PLT01003	Plant A Effluent	ND	ND	11.51	155	9.67	5.73	186.8	0.0
July	26-Jun-12	03PLT01001	Plant A Influent	1.9	**9.8**	--	--	--	--	--	--
		03PLT01004	Post-101B	ND	BRL	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	BRL	--	--	--	--	--	--
Carbon was replaced in CF101B on 31 July 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag.											
August	18-Jul-12	03PLT01001	Plant A Influent	NS	NS	--	--	--	--	--	--
		03PLT01002	Post-101A	NS	NS	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	NS	NS	--	--	--	--	--	--
September	28-Aug-12	03PLT01001	Plant A Influent	2.1	**8.9**	--	--	--	--	--	--
		03PLT01002	Post-101A	ND	BRL	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	ND	--	--	--	--	--	--
October	27-Sep-12	03PLT01001	Plant A Influent	2.1	**8.8**	--	--	--	--	--	--
		03PLT01002	Post-101A	ND	1.2	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101A on 29 October 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag. Note: virgin coconut carbon was installed as part of an optimization evaluation.											
November	31-Oct-12	03PLT01001	Plant A Influent	NS	NS	--	--	--	--	--	--
		03PLT01004	Post-101B	NS	NS	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	NS	NS	--	--	--	--	--	--
December	28-Nov-12	03PLT01001	Plant A Influent	2.0	**9.4**	11.12	152	10.86	6.55	247.0	0.3
		03PLT01004	Post-101B	ND	ND	11.36	152	10.52	6.57	261.9	0.2
		03PLT01003	Plant A Effluent	ND	ND	11.36	153	9.59	6.57	217.4	0.2
January	26-Dec-12	03PLT01001	Plant A Influent	1.9	**9.4**	--	--	--	--	--	--
		03PLT01004	Post-101B	ND	BRL	--	--	--	--	--	--
		03PLT01003	Plant A Effluent	ND	ND	--	--	--	--	--	--

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

BOLD values indicate an MCL exceedance.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) were measured semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are taken using a flow-through cell and the Yellow Springs Instrument (YSI).

--: Water quality parameters were not collected.

Key:

BRL = below reporting limit
°C = degrees Celsius
DO = dissolved oxygen
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NS = samples not collected due to carbon changeout
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
Turb = turbidity
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 5b
CS-10 In-Plume Treatment Plant B Sampling Results
CS-10 2012 Summary Letter Report

Month of Event	Sample Date	Sample Location	Description	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL=5	TCE (µg/L) MCL=5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
Carbon was replaced in CF101A on 20 January 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag.											
February	30-Jan-12	03PLT02001	Plant B Influent	BRL	**45.0**	--	--	--	--	--	--
		03PLT02004	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
March	29-Feb-12	03PLT02001	Plant B Influent	BRL	**46.0**	--	--	--	--	--	--
		03PLT02004	Post-101B	ND	1.4	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101B on 30 March 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag.											
April	03-Apr-12	03PLT02001	Plant B Influent	BRL	**45.0**	--	--	--	--	--	--
		03PLT02002	Post-101A	ND	ND	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
May	26-Apr-12	03PLT02001	Plant B Influent	BRL	**35.0**	--	--	--	--	--	--
		03PLT02002	Post-101A	ND	ND	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
June	29-May-12	03PLT02001	Plant B Influent	BRL	**34.0**	10.69	115	9.86	5.88	205.6	0.7
		03PLT02002	Post-101A	ND	1.5	10.92	115	8.85	5.91	208.4	1.2
		03PLT02003	Plant B Effluent	ND	ND	10.89	115	10.11	5.88	183.5	0.0
Carbon was replaced in CF101A on 20 June 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag.											
July	26-Jun-12	03PLT02001	Plant B Influent	BRL	**48.0**	--	--	--	--	--	--
		03PLT02004	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
August	18-Jul-12	03PLT02001	Plant B Influent	BRL	**49.0**	--	--	--	--	--	--
		03PLT02004	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
September	28-Aug-12	03PLT02001	Plant B Influent	BRL	**32.0**	--	--	--	--	--	--
		03PLT02004	Post-101B	ND	3.0	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	BRL	--	--	--	--	--	--
Carbon was replaced in CF101B on 10 September 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag. Note: virgin coconut carbon was installed as part of an optimization evaluation.											
October	27-Sep-12	03PLT02001	Plant B Influent	1.5	**44.0**	--	--	--	--	--	--
		03PLT02002	Post-101A	ND	BRL	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
November	25-Oct-12	03PLT02001	Plant B Influent	BRL	**51.0**	--	--	--	--	--	--
		03PLT02002	Post-101A	ND	3.1	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101A on 14 November 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag. Note: reactivated coconut carbon											
December	28-Nov-12	03PLT02001	Plant B Influent	BRL	**56.0**	10.65	119	10.13	6.63	228.6	0.4
		03PLT02004	Post-101B	ND	ND	10.89	119	8.07	6.64	240.9	0.3
		03PLT02003	Plant B Effluent	ND	ND	10.89	119	6.51	6.63	199.8	0.2
January	26-Dec-12	03PLT02001	Plant B Influent	ND	**55.0**	--	--	--	--	--	--
		03PLT02004	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT02003	Plant B Effluent	ND	ND	--	--	--	--	--	--

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

BOLD values indicate an MCL exceedance.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) were measured semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are taken using a flow-through cell and the Yellow Springs Instrument (YSI).

--: Water quality parameters were not collected.

Key:

BRL = below reporting limit
°C = degrees Celsius
DO = dissolved oxygen
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
Turb = turbidity
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 5c
CS-10 In-Plume Treatment Plant C Sampling Results
CS-10 2012 Summary Letter Report

Month of Event	Sample Date	Sample Location	Description	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL=5	TCE (µg/L) MCL=5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
February	30-Jan-12	03PLT03001	Plant C Influent	2.0	**10.0**	--	--	--	--	--	--
		03PLT03003	Post-101B	ND	1.7	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101B on 28 February 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag.											
March	29-Feb-12	03PLT03001	Plant C Influent	2.0	**9.9**	--	--	--	--	--	--
		03PLT03002	Post-101A	ND	ND	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	ND	--	--	--	--	--	--
April	03-Apr-12	03PLT03001	Plant C Influent	2.0	**10.0**	--	--	--	--	--	--
		03PLT03002	Post-101A	ND	BRL	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	ND	--	--	--	--	--	--
May	26-Apr-12	03PLT03001	Plant C Influent	1.7	**9.6**	--	--	--	--	--	--
		03PLT03002	Post-101A	ND	1.4	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101a on 23 May 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag.											
June	29-May-12	03PLT03001	Plant C Influent	1.9	**8.8**	11.26	155	9.94	5.72	207.7	0.0
		03PLT03003	Post-101B	ND	ND	11.55	155	9.66	5.77	208.2	0.1
		03PLT03004	Plant C Effluent	ND	BRL	11.52	156	8.83	5.75	192.1	0.0
July	26-Jun-12	03PLT03001	Plant C Influent	2.1	**9.8**	--	--	--	--	--	--
		03PLT03003	Post-101B	ND	BRL	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	BRL	--	--	--	--	--	--
August	18-Jul-12	03PLT03001	Plant C Influent	2.0	**10.0**	--	--	--	--	--	--
		03PLT03003	Post-101B	ND	BRL	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	BRL	--	--	--	--	--	--
September	28-Aug-12	03PLT03001	Plant C Influent	2.1	**9.2**	--	--	--	--	--	--
		03PLT03003	Post-101B	ND	2.2	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	BRL	--	--	--	--	--	--
Carbon was replaced in CF101B on 14 September 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag. Note: virgin coconut carbon was installed as part of an optimization evaluation.											
October	27-Sep-12	03PLT03001	Plant C Influent	2.1	**9.1**	--	--	--	--	--	--
		03PLT03002	Post-101A	ND	BRL	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	ND	--	--	--	--	--	--
November	25-Oct-12	03PLT03001	Plant C Influent	1.7	**9.2**	--	--	--	--	--	--
		03PLT03002	Post-101A	ND	BRL	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	ND	--	--	--	--	--	--
December	28-Nov-12	03PLT03001	Plant C Influent	2.0	**9.6**	11.13	152	10.96	6.54	251.9	0.2
		03PLT03002	Post-101A	ND	BRL	11.36	152	10.46	6.53	260.1	0.6
		03PLT03004	Plant C Effluent	ND	ND	11.36	152	11.07	6.54	212.6	0.2
January	26-Dec-12	03PLT03001	Plant C Influent	1.7	**9.6**	--	--	--	--	--	--
		03PLT03002	Post-101A	ND	3.0	--	--	--	--	--	--
		03PLT03004	Plant C Effluent	ND	ND	--	--	--	--	--	--

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

BOLD values indicate an MCL exceedance.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) were measured semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are taken using a flow-through cell and the Yellow Springs Instrument (YSI).

--: Water quality parameters were not collected.

Key:

BRL = below reporting limit
°C = degrees Celsius
DO = dissolved oxygen
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
Turb = turbidity
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 5d
CS-10 In-Plume Treatment Plant D Sampling Results
CS-10 2012 Summary Letter Report

Month of Event	Sample Date	Sample Location	Description	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL=5	TCE (µg/L) MCL=5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
February	30-Jan-12	03PLT04001	Plant D Influent	1.5	**32.0**	--	--	--	--	--	--
		03PLT04003	Post-101B	ND	2.1	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	BRL	--	--	--	--	--	--
Carbon was replaced in CF101B on 21 February 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag.											
March	29-Feb-12	03PLT04001	Plant D Influent	1.5	**30.0**	--	--	--	--	--	--
		03PLT04002	Post-101A	ND	1.6	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101A on 16 March 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag. Note: regenerated coconut carbon was installed as part of an optimization evaluation.											
April	03-Apr-12	03PLT04001	Plant D Influent	1.5	**30.0**	--	--	--	--	--	--
		03PLT04003	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	ND	--	--	--	--	--	--
May	26-Apr-12	03PLT04001	Plant D Influent	1.4	**32.0**	--	--	--	--	--	--
		03PLT04003	Post-101B	ND	BRL	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	ND	--	--	--	--	--	--
June	29-May-12	03PLT04001	Plant D Influent	1.5	**30.0**	10.90	128	9.98	5.88	203.1	0.0
		03PLT04003	Post-101B	ND	3.1	11.12	127	9.10	5.86	209.6	0.0
		03PLT04004	Plant D Effluent	ND	ND	11.10	127	8.20	5.86	193.8	0.4
Carbon was replaced in CF101B on 15 June 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag.											
July	26-Jun-12	03PLT04001	Plant D Influent	1.4	**30.0**	--	--	--	--	--	--
		03PLT04003	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	BRL	--	--	--	--	--	--
August	18-Jul-12	03PLT04001	Plant D Influent	1.4	**34.0**	--	--	--	--	--	--
		03PLT04002	Post-101A	ND	ND	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	BRL	--	--	--	--	--	--
September	28-Aug-12	03PLT04001	Plant D Influent	1.6	**30.0**	--	--	--	--	--	--
		03PLT04002	Post-101A	ND	2.8	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	BRL	--	--	--	--	--	--
Carbon was replaced in CF101A on 19 September 2012. Following carbon replacement, CF101B was aligned as lead and CF101A as lag. Note: virgin coconut carbon was installed as part of an optimization evaluation.											
October	27-Sep-12	03PLT04001	Plant D Influent	2.0	**19.0**	--	--	--	--	--	--
		03PLT04003	Post-101B	ND	BRL	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	ND	--	--	--	--	--	--
November	25-Oct-12	03PLT04001	Plant D Influent	1.3	**27.0**	--	--	--	--	--	--
		03PLT04003	Post-101B	ND	2.5	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	ND	--	--	--	--	--	--
Carbon was replaced in CF101B on 20 November 2012. Following carbon replacement, CF101A was aligned as lead and CF101B as lag. Note: reactivated coconut carbon was installed as part of an optimization evaluation.											
December	28-Nov-12	03PLT04001	Plant D Influent	1.5	**29.0**	10.94	139	9.92	6.46	238.0	0.2
		03PLT04002	Post-101A	ND	ND	11.17	139	11.12	6.47	244.7	0.1
		03PLT04004	Plant D Effluent	ND	ND	11.17	139	8.34	6.53	212.8	0.6
January	26-Dec-12	03PLT04001	Plant D Influent	1.5	**27.0**	--	--	--	--	--	--
		03PLT04002	Post-101B	ND	ND	--	--	--	--	--	--
		03PLT04004	Plant D Effluent	ND	ND	--	--	--	--	--	--

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

BOLD values indicate an MCL exceedance.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) were measured semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are taken using a flow-through cell and the Yellow Springs Instrument (YSI).

--: Water quality parameters were not collected.

Key:

BRL = below reporting limit
°C = degrees Celsius
DO = dissolved oxygen
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
Turb = turbidity
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 6
Sandwich Road Treatment Facility Sampling Results
CS-10 2012 Summary Letter Report

Month of Event	Sample Date	Sample Location	Description	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL=5	TCE (µg/L) MCL=5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
February	30-Jan-12	28PLT01048	CS-10 SR Inf	BRL	5.0	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**51.0**	--	--	--	--	--	--
		28PLT01017	Post-101B	ND	ND	--	--	--	--	--	--
		28PLT01044	Post-103A	ND	ND	--	--	--	--	--	--
		28PLT01046	Post-104A	ND	BRL	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--
March	27-Feb-12	28PLT01048	CS-10 SR Inf	BRL	**5.3**	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**50.0**	--	--	--	--	--	--
		28PLT01017	Post-101B	ND	BRL	--	--	--	--	--	--
		28PLT01044	Post-103A	ND	ND	--	--	--	--	--	--
		28PLT01046	Post-104A	ND	BRL	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--
April	27-Mar-12	28PLT01048	CS-10 SR Inf	BRL	**5.4**	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**58.0**	--	--	--	--	--	--
		28PLT01017	Post-101B	ND	1.1	--	--	--	--	--	--
		28PLT01044	Post-103A	ND	BRL	--	--	--	--	--	--
		28PLT01046	Post-104A	ND	1.9	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	BRL	--	--	--	--	--	--
On 24 April 2012, carbon was changed in CF104A. CF104B lead and CF104A lag on 27 April 2012. On 27 April 2012, carbon was changed in CF101B. The CF101 Train was put in standby. When train is brought online, CF101A will be lead and CF101A will be lag.											
May	26-Apr-12	28PLT01048	CS-10 SR Inf	BRL	**5.2**	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**56.0**	--	--	--	--	--	--
		28PLT01026	Post -102B (lead)	ND	ND	--	--	--	--	--	--
		28PLT01044	Post-103A (lead)	ND	1.4	--	--	--	--	--	--
		28PLT 01047	Post-104B (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--
On 29 May 2012, carbon was exchanged on CF103A and then the CF103 train was placed on standby. When the train CF103 is brought back online CF103B will be the lead and CF103A will be the lag vessel.											
June	29-May-12	28PLT01048	CS-10 SR Inf	BRL	**5.1**	11.32	106	8.44	6.10	195.7	0.0
		28PLT01050	TCE Plume	BRL	**57.0**	11.69	96	7.09	6.39	198.9	0.0
		28PLT01016	Post -101A (lead)	ND	BRL	11.50	101	6.82	6.35	272.5	0.0
		28PLT01026	Post -102B (lead)	ND	ND	11.62	102	9.54	6.16	201.8	0.0
		28PLT 01047	Post-104B (lead)	ND	1.0	11.63	102	8.52	6.17	201.4	0.0
		28PLT01035	Effluent Combined	ND	ND	11.78	102	9.60	6.22	199.4	0.0
July	26-Jun-12	28PLT01048	CS-10 SR Inf	ND	5.0	--	--	--	--	--	--
		28PLT01050	CS-10 Northern Lobe Plume	BRL	**53.0**	--	--	--	--	--	--
		28PLT01016	Post -101A (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01026	Post -102B (lead)	ND	BRL	--	--	--	--	--	--
		28PLT 01047	Post-104B (lead)	ND	2.6	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	BRL	--	--	--	--	--	--
On 23 July 2012, carbon was exchanged on CF104B and then the CF104 train was placed on standby. When the train CF104 is brought back online CF104A will be the lead and CF104B will be the lag vessel.											
August	18-Jul-12	28PLT01048	CS-10 SR Inf	BRL	**5.6**	--	--	--	--	--	--
		28PLT01050	CS-10 Northern Lobe Plume	BRL	**62.0**	--	--	--	--	--	--
		28PLT01016	Post -101A (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01026	Post -102B (lead)	ND	1.3	--	--	--	--	--	--
		28PLT 01045	Post-103B (lead)	ND	ND	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--
On 24 August 2012, carbon was exchanged on CF102B and then the CF102 train was placed on standby. When the train CF102 is brought back online CF102A will be the lead and CF102B will be the lag vessel. Note: virgin coconut carbon											
September	28-Aug-12	28PLT01048	CS-10 SR Inf	BRL	**5.9**	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**52.0**	--	--	--	--	--	--
		28PLT01016	Post -101A (lead)	ND	1.9	--	--	--	--	--	--
		28PLT 01045	Post-103B (lead)	ND	ND	--	--	--	--	--	--
		28PLT 01046	Post-104A (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--
On 04 October 2012, carbon was exchanged on CF101A and then the CF101 train was placed on standby. When the train CF101 is brought back online CF101B will be the lead and CF101A will be the lag vessel. Note: virgin coconut carbon											
October	27-Sep-12	28PLT01048	CS-10 SR Inf	BRL	**5.1**	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**57.0**	--	--	--	--	--	--
		28PLT01025	Post -102A (lead)	ND	ND	--	--	--	--	--	--
		28PLT 01045	Post-103B (lead)	ND	BRL	--	--	--	--	--	--
		28PLT 01046	Post-104A (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--

Table 6
Sandwich Road Treatment Facility Sampling Results
CS-10 2012 Summary Letter Report

Month of Event	Sample Date	Sample Location	Description	Laboratory Analyses		Water Quality Parameters					
				PCE (µg/L) MCL=5	TCE (µg/L) MCL=5	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)
November	25-Oct-12	28PLT01048	CS-10 SR Inf	BRL	4.7	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**57.0**	--	--	--	--	--	--
		28PLT01025	Post -102A (lead)	ND	ND	--	--	--	--	--	--
		28PLT 01045	Post-103B (lead)	ND	1.4	--	--	--	--	--	--
		28PLT 01046	Post-104A (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--
December	28-Nov-12	28PLT01048	CS-10 SR Inf	BRL	**5.1**	11.19	105	9.53	7.03	204.0	0.0
		28PLT01050	TCE Plume	BRL	**62.0**	11.10	89	6.32	7.14	220.0	0.0
		28PLT01017	Post -101B (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01025	Post -102A (lead)	ND	ND	11.26	101	7.32	7.00	217.6	0.0
		28PLT 01046	Post-104A (lead)	ND	1.3	11.26	102	7.85	6.98	213.5	0.0
		28PLT01035	Effluent Combined	ND	ND	11.26	101	10.20	6.98	213.4	0.0
On 28 December 2012, carbon was exchanged on CF104A and then the CF104 train was placed on standby. When the train CF104 is brought back online CF104B will be the lead and CF104A will be the lag vessel.											
January	26-Dec-12	28PLT01048	CS-10 SR Inf	ND	4.9	--	--	--	--	--	--
		28PLT01050	TCE Plume	BRL	**52.0**	--	--	--	--	--	--
		28PLT01017	Post -101B (lead)	ND	BRL	--	--	--	--	--	--
		28PLT01025	Post -102A (lead)	ND	ND	--	--	--	--	--	--
		28PLT 01046	Post-104A (lead)	ND	ND	--	--	--	--	--	--
		28PLT01035	Effluent Combined	ND	ND	--	--	--	--	--	--

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

BOLD values indicate an MCL exceedance.

Sample results from plant sampling location 28PLT01050 represent influent groundwater from 00EW0001.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) were measured semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are taken using a flow-through cell and the Yellow Springs Instrument (YSI).

--: Water quality parameters were not collected.

Key:

BRL = below reporting limit
°C = degrees Celsius
DO = dissolved oxygen
GAC = granular activated carbon
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
SR = Sandwich Road
std = standard units
TCE = trichloroethene
Temp = temperature
Turb = turbidity
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 7
CS-10 In-Plume Treatment Plant - Extraction and Reinjection Well Flow Rates
CS-10 2012 Summary Letter Report

Week Ending	Extraction Wells									Reinjection Well	Infiltration Trenches	
	03EW2102 (gpm)	03EW2103 (gpm)	03EW2104 (gpm)	03EW2105 (gpm)	03EW2106 (gpm)	03EW2107 (gpm)	03EW2109 (gpm)	03EW2110 (gpm)	03EW2111 (gpm)	03RI2112 (gpm)	Southwest (gpm)	Southern (gpm)
7-Jan-12	451	296	230	449	0	51	118	248	421	367	664	1234
14-Jan-12	457	300	232	453	0	51	118	252	423	370	671	1245
21-Jan-12	460	305	179	454	0	51	136	254	328	351	636	1180
28-Jan-12	385	252	160	379	0	42	108	44	290	269	487	904
4-Feb-12	466	303	235	453	0	50	121	0	424	347	597	1108
11-Feb-12	462	300	233	453	0	52	121	0	421	357	590	1095
18-Feb-12	467	305	235	454	0	45	133	0	361	350	578	1073
25-Feb-12	467	305	236	457	0	45	132	0	360	350	578	1073
3-Mar-12	467	305	235	450	0	44	130	0	362	356	574	1065
10-Mar-12	466	304	235	454	0	51	122	0	423	375	588	1091
17-Mar-12	467	307	236	453	0	40	135	0	326	359	562	1044
24-Mar-12	463	306	180	455	0	43	140	102	251	355	555	1030
31-Mar-12	424	270	167	419	0	39	131	45	232	316	494	917
7-Apr-12	457	239	183	359	0	41	109	0	233	268	473	879
14-Apr-12	582	302	234	454	0	52	120	104	425	381	662	1230
21-Apr-12	580	302	234	453	0	52	120	200	425	371	698	1296
28-Apr-12	496	259	200	391	0	44	102	171	364	318	598	1111
5-May-12	383	245	189	369	0	41	97	162	344	317	529	983
12-May-12	449	297	229	431	0	50	113	187	417	358	636	1181
19-May-12	458	303	233	430	0	51	120	185	423	362	644	1197
26-May-12	456	302	198	454	0	51	129	195	360	353	627	1165
2-Jun-12	456	301	232	453	0	51	120	195	425	368	653	1212
9-Jun-12	457	301	232	452	0	51	121	102	422	355	625	1160
16-Jun-12	464	307	234	452	0	40	134	0	327	325	572	1062
23-Jun-12	459	304	232	451	0	40	138	0	305	320	563	1046
30-Jun-12	457	300	207	442	0	50	121	0	418	331	582	1081
7-Jul-12	464	305	234	448	0	51	122	0	425	370	587	1091
14-Jul-12	340	223	172	327	0	37	90	0	312	271	430	799
21-Jul-12	377	248	190	359	0	41	104	0	310	294	467	868
28-Jul-12	466	306	235	442	0	51	123	0	425	370	587	1091
4-Aug-12	464	306	234	441	0	42	132	0	359	377	561	1041
11-Aug-12	466	307	235	441	0	50	124	0	425	404	575	1069
18-Aug-12	465	306	235	439	0	50	124	0	422	403	573	1064

Table 7
CS-10 In-Plume Treatment Plant - Extraction and Reinjection Well Flow Rates
CS-10 2012 Summary Letter Report

Week Ending	Extraction Wells									Reinjection Well	Infiltration Trenches	
	03EW2102 (gpm)	03EW2103 (gpm)	03EW2104 (gpm)	03EW2105 (gpm)	03EW2106 (gpm)	03EW2107 (gpm)	03EW2109 (gpm)	03EW2110 (gpm)	03EW2111 (gpm)	03RI2112 (gpm)	Southwest (gpm)	Southern (gpm)
25-Aug-12	447	298	232	451	0	51	126	157	421	431	613	1139
1-Sep-12	454	301	233	447	0	53	127	201	425	432	633	1176
8-Sep-12	450	298	231	442	0	53	126	204	422	367	651	1208
15-Sep-12	456	305	140	449	0	55	150	206	258	333	590	1096
22-Sep-12	366	244	45	357	0	43	116	166	241	260	461	856
29-Sep-12	467	309	0	451	0	54	130	210	424	337	598	1110
6-Oct-12	404	267	0	390	0	48	112	183	367	292	519	963
13-Oct-12	452	299	189	443	0	54	128	203	424	361	641	1190
20-Oct-12	341	229	181	341	0	41	98	126	326	277	492	914
27-Oct-12	262	246	194	361	0	31	103	0	345	254	451	838
3-Nov-12	0	17	13	25	0	0	7	0	24	14	25	47
10-Nov-12	339	223	175	331	0	39	93	0	311	431	378	702
17-Nov-12	393	301	237	450	0	53	126	0	424	566	496	921
24-Nov-12	458	303	238	453	0	46	131	0	362	568	498	925
1-Dec-12	463	304	240	453	0	54	122	0	425	551	528	981
8-Dec-12	462	305	237	453	0	53	120	0	423	328	603	1120
15-Dec-12	471	311	233	449	0	52	121	0	425	330	606	1126
22-Dec-12	466	308	232	445	0	48	120	0	421	326	600	1114
29-Dec-12	465	308	232	445	0	48	117	0	419	325	598	1110
Average Flow Rate (gpm)	**437**	**285**	**201**	**421**	**N/A**	**46**	**119**	**79**	**367**	**350**	**561**	**1043**
Optimized Design Flow Rate (gpm) (2012 Scenario 01)	**460**	**300**	**230**	**450**	**N/A**	**50**	**125**	**250**	**425**	**380**	**678**	**1232**
Percent of Optimized Design Rate	**95**	**95**	**87**	**94**	**N/A**	**93**	**95**	**32***	**86**	**92**	**83**	**85**

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse.

Notes:

Any downtime due to routine and non-routine operations and maintenance activities is included in the average flow rates.

Due to small-scale inaccuracies of the electronic flow rate meters, removal of relatively small amounts of water at the plant and use of operator log-book data (when electronic flow data is not available), the recorded influent rates may not equal the recorded effluent flow rates.

03EW2106 was taken out of operation on 24 February 2010.

* Began cyclic pumping test at 03EW2110 on 24 January 2011; cycling operation on a two-month frequency.

Key:

gpm = gallons per minute

N/A = not applicable

Table 8
CS-10 Sandwich Road Treatment Facility - Extraction and Reinjection Well Flow Rates
CS-10 2012 Summary Letter Report

Week Ending	Sandwich Road Extraction Wells							Southern Trench	Northern Lobe	Sandwich Road Reinjection Wells						SD-5 North Reinjection Wells							
	03EW2171 (gpm)	03EW2172 (gpm)	03EW2173 (gpm)	03EW2174 (gpm)	03EW2175 (gpm)	03EW2176 (gpm)	03EW2177 (gpm)	03EW2112 (gpm)	00EW0001 (gpm)	03RI2180 (gpm)	03RI2181 (gpm)	03RI2182 (gpm)	03RI2183 (gpm)	03RI2184 (gpm)	03RI2185 (gpm)	28RIW0001 (gpm)	28RIW0002 (gpm)	28RIW0003 (gpm)	28RIW0004 (gpm)	28RIW0005 (gpm)	28RIW0006 (gpm)	28RIW0007 (gpm)	28RIW0008 (gpm)
7-Jan-12	77	75	60	99	61	74	49	100	224	N/A	N/A	N/A	40	186	124	60	60	60	60	60	60	60	60
14-Jan-12	57	58	57	76	45	56	38	76	168	N/A	N/A	N/A	31	146	100	45	45	45	44	45	45	45	44
21-Jan-12	62	61	83	83	50	61	42	81	185	N/A	N/A	N/A	32	164	110	48	47	47	50	48	47	47	50
28-Jan-12	67	67	90	90	54	68	45	90	189	N/A	N/A	N/A	36	185	122	51	49	49	51	51	49	49	51
4-Feb-12	75	75	100	100	61	76	49	100	185	N/A	N/A	N/A	40	206	134	60	60	60	59	60	60	60	59
11-Feb-12	74	75	100	101	60	74	49	99	226	N/A	N/A	N/A	40	200	131	56	57	56	56	56	57	56	56
18-Feb-12	76	75	100	100	58	74	49	99	226	N/A	N/A	N/A	40	196	129	59	59	60	59	59	59	60	59
25-Feb-12	72	74	97	97	58	73	48	97	208	N/A	N/A	N/A	40	177	120	49	50	49	49	49	50	49	49
3-Mar-12	74	75	99	99	60	74	49	99	199	N/A	N/A	N/A	40	207	133	52	52	54	52	52	52	54	52
10-Mar-12	74	75	99	99	60	74	49	99	225	N/A	N/A	N/A	40	186	128	58	58	60	59	58	58	60	59
17-Mar-12	73	76	98	99	60	75	49	99	225	N/A	N/A	N/A	40	194	131	60	58	60	58	60	58	60	58
24-Mar-12	74	75	101	100	61	75	50	100	210	N/A	N/A	N/A	40	206	135	61	62	61	61	61	62	61	61
31-Mar-12	73	72	97	96	60	71	49	95	225	N/A	N/A	N/A	38	181	125	57	57	56	57	57	57	56	57
7-Apr-12	53	53	72	71	43	53	36	71	160	N/A	N/A	N/A	29	91	64	58	58	58	58	58	58	58	58
14-Apr-12	70	70	94	93	56	70	46	90	210	N/A	N/A	N/A	38	104	78	70	71	70	72	70	71	70	72
21-Apr-12	74	75	99	100	59	74	49	99	225	N/A	N/A	N/A	40	124	88	68	68	67	68	68	68	67	68
28-Apr-12	63	64	85	84	51	63	41	84	191	N/A	N/A	N/A	34	97	72	62	62	63	62	62	62	63	62
5-May-12	58	57	76	77	45	58	38	76	173	N/A	N/A	N/A	31	88	62	52	52	52	51	52	52	52	51
12-May-12	61	61	83	81	50	61	41	83	186	N/A	N/A	N/A	33	110	74	59	58	58	60	59	58	58	60
19-May-12	71	71	94	94	56	69	47	95	225	N/A	N/A	N/A	38	125	89	66	67	67	67	66	67	67	67
26-May-12	75	75	99	100	60	73	49	100	224	N/A	N/A	N/A	40	149	105	71	71	71	72	71	71	71	72
2-Jun-12	69	69	92	92	55	69	46	92	207	N/A	N/A	N/A	37	144	99	67	67	67	67	67	67	67	67
9-Jun-12	61	61	81	83	50	61	41	82	184	N/A	N/A	N/A	33	128	88	58	57	56	58	58	57	56	58
16-Jun-12	75	75	101	100	60	74	51	101	224	N/A	N/A	N/A	40	155	108	72	72	72	73	72	72	72	73
23-Jun-12	75	53	100	100	60	74	49	101	223	N/A	N/A	N/A	40	157	108	62	63	62	63	62	63	62	63
30-Jun-12	76	76	101	100	51	74	50	100	223	N/A	N/A	N/A	34	132	92	67	67	67	67	67	67	67	67
7-Jul-12	62	0	82	82	48	61	42	81	192	N/A	N/A	N/A	32	111	76	50	50	50	51	50	50	50	51
14-Jul-12	63	45	84	85	51	64	43	84	192	N/A	N/A	N/A	36	139	99	73	73	72	73	73	73	72	73
21-Jul-12	57	60	76	77	45	56	37	66	191	N/A	N/A	N/A	33	127	88	63	64	63	64	63	64	63	64
28-Jul-12	68	68	91	91	53	67	44	91	128	N/A	N/A	N/A	40	151	104	66	65	66	66	66	65	66	66
4-Aug-12	75	73	100	100	59	74	51	103	223	N/A	N/A	N/A	40	153	107	71	70	70	71	71	70	70	71
11-Aug-12	75	74	99	26	59	74	50	106	222	N/A	N/A	N/A	40	119	83	67	68	67	68	67	68	67	68
18-Aug-12	77	76	100	0	59	74	49	104	223	N/A	N/A	N/A	37	103	73	64	66	67	66	64	66	67	66
25-Aug-12	74	74	100	0	48	74	50	103	223	N/A	N/A	N/A	40	107	75	68	64	65	67	68	64	65	67
1-Sep-12	76	75	99	23	0	74	50	103	222	N/A	N/A	N/A	36	96	68	62	62	62	62	62	62	62	62
8-Sep-12	73	73	100	100	17	74	50	101	222	N/A	N/A	N/A	41	134	91	58	59	58	59	58	59	58	59
15-Sep-12	75	74	100	99	59	74	50	101	223	N/A	N/A	N/A	40	162	109	70	70	69	70	70	70	69	70
22-Sep-12	74	76	100	100	59	74	50	101	223	N/A	N/A	N/A	35	169	109	69	69	70	70	69	69	70	70
29-Sep-12	74	75	99	100	59	75	52	100	222	N/A	N/A	N/A	40	169	110	70	71	70	70	70	71	70	70
6-Oct-12	58	58	79	78	47	59	45	80	174	N/A	N/A	N/A	33	125	80	54	53	53	53	54	53	53	53
13-Oct-12	74	74	100	100	59	74	58	103	222	N/A	N/A	N/A	40	168	109	64	66	66	66	64	66	66	66
20-Oct-12	74	74	100	100	60	75	51	103	222	N/A	N/A	N/A	41	159	106	69	69	68	69	69	69	68	69
27-Oct-12	74	74	100	100	59	74	59	102	221	N/A	N/A	N/A	40	175	129	72	73	71	72	72	73	71	72
3-Nov-12	65	65	86	85	51	65	46	43	195	N/A	N/A	N/A	34	131	87	62	61	62	62	62	61	62	62
10-Nov-12	75	74	100	101	58	75	51	0	233	N/A	N/A	N/A	40	125	89	68	68	68	68	68	68	68	68
17-Nov-12	74	74	101	99	58	75	50	0	234	N/A	N/A	N/A	40	126	85	69	68	68	69	69	68	68	69

Table 8
CS-10 Sandwich Road Treatment Facility - Extraction and Reinjection Well Flow Rates
CS-10 2012 Summary Letter Report

Week Ending	Sandwich Road Extraction Wells							Southern Trench	Northern Lobe	Sandwich Road Reinjection Wells						SD-5 North Reinjection Wells							
	03EW2171 (gpm)	03EW2172 (gpm)	03EW2173 (gpm)	03EW2174 (gpm)	03EW2175 (gpm)	03EW2176 (gpm)	03EW2177 (gpm)	03EW2112 (gpm)	00EW0001 (gpm)	03RI2180 (gpm)	03RI2181 (gpm)	03RI2182 (gpm)	03RI2183 (gpm)	03RI2184 (gpm)	03RI2185 (gpm)	28RIW0001 (gpm)	28RIW0002 (gpm)	28RIW0003 (gpm)	28RIW0004 (gpm)	28RIW0005 (gpm)	28RIW0006 (gpm)	28RIW0007 (gpm)	28RIW0008 (gpm)
24-Nov-12	75	74	100	101	59	74	50	0	232	N/A	N/A	N/A	40	127	88	68	68	68	68	68	68	68	68
1-Dec-12	74	75	101	101	60	75	50	43	232	N/A	N/A	N/A	40	132	89	67	67	66	68	67	67	66	68
8-Dec-12	74	75	100	100	59	75	50	104	224	N/A	N/A	N/A	40	176	108	74	74	75	74	74	74	75	74
15-Dec-12	74	72	100	99	59	75	50	106	224	N/A	N/A	N/A	40	175	108	70	70	71	71	70	70	71	71
22-Dec-12	75	73	100	100	61	75	50	105	223	N/A	N/A	N/A	40	175	108	70	70	70	71	70	70	70	71
29-Dec-12	74	73	100	100	59	75	50	107	223	N/A	N/A	N/A	40	175	109	72	73	71	72	72	73	71	72
Average Flow Rate (gpm)	**71**	**69**	**93**	**88**	**54**	**73**	**48**	**88**	**210**	**N/A**	**N/A**	**N/A**	**38**	**148**	**100**	**63**	**63**	**63**	**63**	**63**	**63**	**63**	**63**
Optimized Design Flow Rate (gpm) (2012 Scenario 01)	**75**	**75**	**100**	**100**	**60**	**75**	**50**	**100**	**190**	**N/A**	**N/A**	**N/A**	**40**	**156**	**108**	**65**	**65**	**65**	**65**	**65**	**65**	**65**	**65**
Percent of Optimized Design Rate	**94**	**92**	**93**	**88**	**90**	**98**	**95**	**88**	**110**	**N/A**	**N/A**	**N/A**	**95**	**95**	**93**	**97**	**97**	**97**	**97**	**97**	**97**	**97**	**97**

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse.

Notes:

Any downtime due to routine and non-routine operations and maintenance activities is included in the average flow rates.

Due to small-scale inaccuracies of the electronic flow rate meters, removal of relatively small amounts of water at the plant and use of operator log-book data (when electronic flow data is not available), the recorded influent rates may not equal the recorded effluent flow rates.

Reinjection wells 03RI2180, 03RI2181, and 03RI2182 were taken out of operation on 19 February 2009.

2011 Scenario 01 - 03EW2112 began operating at the optimized scenario (100 gpm and packered configuration) on 19 January 2011.

03 March 2011 - Continued flow testing at 00EW0001; increased flow rate from 190 gpm to 225 gpm.

Two off-line Sandwich Road extraction wells (03EW2176 and 03EW2177) were turned back on in 2011 after TCE MCL exceedances were observed in 03EW2177 (during sampling of off-line well).

Key:

gpm = gallons per minute
N/A = not applicable
SD-5 = Storm Drain-5

Table 9
CS-10 Treatment Plant Downtime Summary
CS-10 2012 Summary Letter Report

Date	Hours Off-Line	Reason
CS-10 In-Plume Treatment Plants		
1/20/2012	72.58	Building B, 03EW2104 and 03EW2111 off for carbon change CF101A.
1/23/2012	1368.00	03EW2110 off for next phase of cyclic pumping test.
1/23/2012	15.45	Plant tripped off due to a power failure.
1/27/2012	7.45	Base power outage; reset 03EW2102 and 03EW0011.
2/14/2012	24.58	Building A, 03EW2107 and 03EW2111 off for carbon exchange CF101B.
2/21/2012	25.00	Building D, 03EW2107 and 03EW2111 off for carbon exchange CF101B.
2/28/2012	16.58	Building C, 03EW2107 and 03EW2111 off for carbon exchange CF101B.
3/16/2012	73.92	Building D, 03EW2107 and 03EW2111 off for carbon exchange CF101A.
3/23/2012	72.67	Building A, 03EW2104 and 03EW2111 off for carbon exchange CF101A.
3/26/2012	384.00	03EW2110 off cyclic test/no 48hr sample taken
3/28/2012	3.83	Plant shut down due to gas company digging over 03EW2110 influent and communications line.
3/30/2012	72.92	Building B, 03EW2107, and 03EW2111 off for carbon exchange CF101B.
3/31/2012	45.22	Plant tripped off due to a 03EW2107 run fail.
3/30/2012	72.92	Building B, 03EW2107 and 03EW2111 off for carbon exchange CF101B.
3/31/2012	45.22	Plant tripped off due to an 03EW2107 run fail.
4/3/2012	3.50	03EW2111 failed
4/3/2012	44.00	03EW2111 failed/replace bad wiring/ remove disconnect box/ install new junction box
4/28/2012	56.25	Plant tripped off due to a power failure
5/7/2012	4.00	03EW2105, 03EW2109, & 03EW21110 off, all interlocks were enabled.
5/10/2012	3.27	Plant tripped off, 03EW2107 vault flooded during heavy rains.
5/17/2012	10.08	03EW2105 and 03EW2110 off for power outage, systems and remaining wells stayed on.
5/23/2012	25.67	Building C, 03EW2104, & 03EW2111 off for carbon exchange CF101A.
6/6/2012	1776.00	03EW2110 off for next cycle of pump test
6/15/2012	74.67	Building D, 03EW2107 & 03EW2111 off for carbon exchange CF101B.
6/20/2012	25.17	Building B and 03EW2111 off for carbon exchange CF101A.
6/26/2012	19.90	03EW2104 lost power during thunder storm/ replace coil in motor starter
6/27/2012	2.25	03EW2107 vault flood/ troubleshoot
7/12/2012	18.92	EnerNoc Energy Curtailment
7/13/2012	58.17	Ruptured disc in building C
7/18/2012	13.25	03EW2111 off, power failure during thunder storms.
7/31/2012	25.33	Building A, 03EW2107 and 03EW2111 off for carbon exchange CF101B.
9/10/2012	25.08	Building B, 03EW2104 and 03EW2111 off for carbon change CF101B.
9/14/2012	72.08	Building C, 03EW2104, and 03EW2111 off for carbon change CF101B.
9/16/2012	22.15	Buildings A, B, and D tripped power due to low effluent pressure at Building B.
9/17/2012	5.75	Shut off Building B P102 booster pump seal blown, install pump from AVA Building B and swap impellars.
9/17/2012	2.25	Building A, C, & D off P103B trip.
9/18/2012	9.30	Plant tripped off due to a power failure.
9/19/2012	25.57	Building D, 03EW2104 and 03EW2111 off for carbon exhange CF101A.
9/19/2012	457.32	03EW2104 off for well maintanence, repositioning packer.
9/30/2012	21.85	Plant tripped off due to a power failure.
9/30/2012	21.85	Plant tripped off due to a power failure.
10/14/2012	21.62	Plant tripped off due to a power failure.
10/19/2012	1800.00	03EW2110 off for two months for next round of cyclic pumping test.
10/20/2012	46.48	Plant tripped off due to a power failure.
10/26/2012	64.58	Building A, 03EW2102 and 03EW2107 off for carbon exchange CF101B
10/28/2012	192.00	Plant tripped due to power failure. Leave plant off for hurricane/possible enernoc curtailment.
11/7/2012	12.57	Plant tripped off due to a vault flooded alarm at 03EW2110 during storm.
11/14/2012	24.50	Building B and 03EW2102 off for carbon exchange CF101A.
11/20/2012	25.00	Building D, 03EW2107 and 03EW2111 off for carbon exchange CF101B
12/29/2012	35.50	Plant tripped off due to a power failure.

Table 9
CS-10 Treatment Plant Downtime Summary
CS-10 2012 Summary Letter Report

Date	Hours Off-Line	Reason
CS-10 Sandwich Road Treatment Plant (includes Northern Lobe Extraction Well)		
1/6/2012	108.83	03EW2173 tripped; possible motor issue.
1/8/2012	29.83	Plant tripped due to a power failure
1/14/2012	42.33	Plant tripped due to high effluent tank level caused by failed green sand filter valve.
1/23/2012	13.45	Plant tripped off due to a power failure.
1/27/2012	4.20	Plant tripped off due to a power failure.
2/22/2012	4.30	00EW0001 and 03EW2112 off due to a power failure.
2/24/2012	8.23	00EW0001 tripped off due to a power failure.
2/27/2012	7.33	00EW0001 tripped off due to a power failure.
2/27/2012	2.92	00EW0001 tripped off due to a power failure.
2/28/2012	8.75	00EW0001 tripped off due to a power failure.
3/18/2012	9.50	00EW0001 tripped off due to a power failure.
3/31/2012	47.87	CS10SR extraction wells tripped off due to a power failure.
4/3/2012	11.83	Reduced flow at wells 00EW0001, 03EW2173, 03EW2174, & 03EW2112.
4/4/2012	6.00	High effluent tank/ backwash holding tanks, all wells restarted except 00EW0001.
4/4/2012	7.00	00EW0001 off due to high effluent tank at plant
4/10/2012	9.10	Plant tripped off due to high influent tank level. Possible power fail.
4/13/2012	2.08	Plant tripped off due to a power failure
4/27/2012	1.38	Plant tripped off due to a power failure
4/28/2012	54.17	Plant tripped off due to a power failure
5/5/2012	38.95	High effluent tank level. Restart 00EW0001 at 07:00.
5/7/2012	4.45	03EW0001 tripped
5/17/2012	9.72	Power outage, restart 03EW2102 at 07:30.
6/2/2012	40.82	Power outage shutoff CS-10 SR extraction wells causing low influent tank level.
6/18/2012	40.92	03EW2172 fail on low flow. Replace pump and motor. Spline worn out.
6/26/2012	13.88	03EW2175 failed during thunder storm/ replace fuses in control transformer.
7/1/2012	30.10	Plant tripped.
7/2/2012	166.70	03EW2172 shut off, well issues. Faulty flow meter flow tube
7/9/2012	8.05	Plant tripped off due to a power failure. 00EW0001 restarted at 07:35.
7/12/2012	15.42	EnerNoc Energy Curtailment
7/15/2012	29.05	System tripped high T102
7/16/2012	6.58	03EW2112 off NSTAR excavating for gas serviceat 47 Sandwich Road.
7/18/2012	13.02	Power failure during thunder storms.
7/23/2012	5.15	Power failure during thunder storms.
7/26/2012	13.47	Power failure during thunder storms.
8/6/2012	566.67	03EW2174 off, bad motor.
8/24/2012	314.67	03EW2175 off, bad motor.
9/6/2012	15.05	Plant tripped off due to a power failure.
9/19/2012	3.00	Plant tripped off due to a power failure.
9/30/2012	30.33	Plant tripped off due to a power failure.
10/4/2012	6.90	Plant tripped off due to a power failure.
10/29/2012	21.17	Intentionally shut plant down due to hurricane/possible enernoc curtailment.
10/29/2012	675.67	03EW2112 bad motor.
11/24/2012	39.77	Plant tripped off, power failure.
11/29/2012	3.35	Plant tripped due to high tank levels. 03EW2112 off, bad starter contactors.
11/29/2012	27.53	03EW2112 off, bad starter contactors.
12/22/2012	50.50	Plant tripped off, power failure.
12/29/2012	32.08	Plant tripped off, power failure.

Key:

Bldg. = Building
CE = civil engineering
CS-10 = Chemical Spill-10
PLC = program logic controller
SR = Sandwich Road

Table 10
CS-10 In-Plume Treatment System Mass Removal Summary
CS-10 2012 Summary Letter Report

Date	TCE Mass Removed for Period (lb)	PCE Mass Removed for Period (lb)	Cumulative TCE Mass Removed since Startup (lb)	Cumulative PCE Mass Removed since Startup (lb)	Cumulative TCE and PCE Mass Removed since Startup (lb)
PLANT A					
Jan-12	2.01	0.41	774.4	195.6	970.0
Feb-12	1.72	0.37	776.1	196.0	972.1
Mar-12	1.73	0.36	777.8	196.3	974.1
Apr-12	1.69	0.34	779.5	196.7	976.2
May-12	1.82	0.37	781.4	197.1	978.5
Jun-12	1.83	0.36	783.2	197.4	980.6
Jul-12	1.55	0.36	784.9	197.7	982.6
Aug-12	1.76	0.42	786.6	198.2	984.8
Sep-12	1.63	0.39	788.2	198.5	986.7
Oct-12	1.34	0.20	789.5	198.8	988.3
Nov-12	1.47	0.31	791.0	199.2	990.2
Dec-12	1.80	0.36	792.8	199.5	992.3
PLANT B					
Jan-12	7.75	0.08	1504.5	60.6	1565.1
Feb-12	7.90	0.09	1512.4	60.7	1573.1
Mar-12	7.92	0.08	1520.3	60.7	1581.1
Apr-12	6.41	0.10	1526.7	60.8	1587.6
May-12	6.76	0.17	1533.5	61.0	1594.5
Jun-12	8.50	0.10	1542.0	61.1	1603.1
Jul-12	8.51	0.10	1550.5	61.2	1611.7
Aug-12	6.03	0.14	1556.5	61.4	1617.9
Sep-12	7.26	0.25	1563.8	61.6	1625.3
Oct-12	7.43	0.07	1571.2	61.7	1632.9
Nov-12	7.94	0.08	1579.2	61.8	1640.9
Dec-12	9.92	0.00	1589.1	61.8	1650.9
PLANT C					
Jan-12	2.02	0.40	691.0	169.6	860.6
Feb-12	1.74	0.35	692.8	170.0	862.8
Mar-12	1.94	0.39	694.7	170.4	865.1
Apr-12	1.68	0.31	696.4	170.7	867.1
May-12	1.79	0.39	698.2	171.0	869.2
Jun-12	1.87	0.40	700.0	171.4	871.4
Jul-12	1.74	0.35	701.8	171.8	873.6
Aug-12	1.84	0.42	703.6	172.2	875.8
Sep-12	1.56	0.36	705.2	172.6	877.8
Oct-12	1.44	0.27	706.6	172.8	879.4
Nov-12	1.44	0.31	708.1	173.1	881.2
Dec-12	1.84	0.33	710.0	173.5	883.5

Table 10
CS-10 In-Plume Treatment System Mass Removal Summary
CS-10 2012 Summary Letter Report

Date	TCE Mass Removed for Period (lb)	PCE Mass Removed for Period (lb)	Cumulative TCE Mass Removed since Startup (lb)	Cumulative PCE Mass Removed since Startup (lb)	Cumulative TCE and PCE Mass Removed since Startup (lb)
PLANT D					
Jan-12	6.41	0.30	1222.6	89.8	1312.4
Feb-12	5.26	0.26	1227.9	90.0	1317.9
Mar-12	5.25	0.26	1233.1	90.3	1323.4
Apr-12	5.27	0.24	1238.4	90.5	1328.9
May-12	6.12	0.31	1244.5	90.8	1335.4
Jun-12	5.04	0.24	1249.6	91.1	1340.6
Jul-12	5.90	0.24	1255.5	91.3	1346.8
Aug-12	5.94	0.32	1261.4	91.6	1353.0
Sep-12	3.32	0.35	1264.7	92.0	1356.7
Oct-12	4.15	0.20	1268.9	92.2	1361.1
Nov-12	4.35	0.23	1273.2	92.4	1365.6
Dec-12	5.17	0.29	1278.4	92.7	1371.1
Total mass removed (TCE + PCE) first year (June 1999 - June 2000)					381.5
Total mass removed (TCE + PCE) second year (July 2000 - June 2001)					557.2
Total mass removed (TCE + PCE) third year (July 2001 - June 2002)					452.2
Total mass removed (TCE + PCE) fourth year (July 2002 - June 2003)					395.2
Total mass removed (TCE + PCE) fifth year (July 2003 - June 2004)					398.0
Total mass removed (TCE + PCE) sixth year (July 2004 - June 2005)					390.3
Total mass removed (TCE + PCE) seventh year (July 2005 - June 2006)					364.0
Total mass removed (TCE + PCE) eighth year (July 2006 - June 2007)					391.2
Total mass removed (TCE + PCE) ninth year (July 2007 - June 2008)					371.8
Total mass removed (TCE + PCE) tenth year (July 2008 - June 2009)					326.0
Total mass removed (TCE + PCE) eleventh year (July 2009 - June 2010)					290.4
Total mass removed (TCE + PCE) twelfth year (July 2010 - June 2011)					257.8
Total Mass Removed (TCE + PCE) thirteenth year (July 2011 - June 2012)					220.8
Total Mass Removed (TCE + PCE) through 13 years of operation (June 1999 - June 2012)					4733.7
Total TCE mass removed in reporting period (January 2012 - December 2012)					195.7
Total PCE mass removed in reporting period (January 2012 - December 2012)					13.0
Total mass removed (TCE + PCE) in reporting period (January 2012 - December 2012)					208.8
Total mass removed (TCE + PCE) since startup (June 1999 - December 2012)					4897.7

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:
lb = pound
PCE = tetrachloroethene
TCE = trichloroethene

Table 11
CS-10 Sandwich Road Treatment System Mass Removal Summary
CS-10 2012 Summary Letter Report

Date Sampled	TCE Mass Removed for Period (lb)	PCE Mass Removed for Period (lb)	Cumulative TCE Mass Removed Since Startup (lb)	Cumulative PCE Mass Removed Since Startup (lb)	Cumulative TCE and PCE Mass Removed Since Startup (lb)
Jan-12	1.02	0.06	1027.0	23.1	1050.1
Feb-12	1.16	0.05	1028.2	23.1	1051.3
Mar-12	1.26	0.07	1029.4	23.2	1052.6
Apr-12	0.99	0.05	1030.4	23.3	1053.7
May-12	1.12	0.07	1031.6	23.3	1054.9
Jun-12	1.06	0.00	1032.6	23.3	1056.0
Jul-12	1.08	0.05	1033.7	23.4	1057.1
Aug-12	1.19	0.05	1034.9	23.4	1058.3
Sep-12	1.10	0.05	1036.0	23.5	1059.5
Oct-12	1.07	0.05	1037.1	23.5	1060.6
Nov-12	0.99	0.04	1038.0	23.6	1061.6
Dec-12	1.16	0.00	1039.2	23.6	1062.8
Total mass removed (TCE + PCE) first year (May 1999 - June 2000)					269.8
Total mass removed (TCE + PCE) second year (July 2000 - June 2001)					166.8
Total mass removed (TCE + PCE) third year (July 2001 - June 2002)					160.2
Total mass removed (TCE + PCE) fourth year (July 2002 - June 2003)					143.1
Total mass removed (TCE + PCE) fifth year (July 2003 - June 2004)					81.6
Total mass removed (TCE + PCE) sixth year (July 2004 - June 2005)					56.5
Total mass removed (TCE + PCE) seventh year (July 2005 - June 2006)					43.2
Total mass removed (TCE + PCE) eighth year (July 2006 - June 2007)					36.2
Total mass removed (TCE + PCE) ninth year (July 2007 - June 2008)					30.6
Total mass removed (TCE + PCE) tenth year (July 2008 - June 2009)					23.1
Total mass removed (TCE + PCE) eleventh year (July 2009 - June 2010)					14.7
Total mass removed (TCE + PCE) twelfth year (July 2010 - June 2011)					15.5
Total mass removed (TCE + PCE) thirteenth year (July 2011 - June 2012)					14.6
Total mass removed (TCE + PCE) through 12 years of operation (May 1999 - June 2012)					1055.5
Total TCE mass removed in reporting period (January 2012 - December 2012)					13.2
Total PCE mass removed in reporting period (January 2012 - December 2012)					0.5
Total mass removed (TCE + PCE) in reporting period (January 2012 - December 2012)					13.7
Total mass removed (TCE + PCE) since startup (May 1999 - December 2012)					1062.8

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:
lb = pound
PCE = tetrachloroethene
TCE = trichloroethene

Table 12
CS-10 Northern Lobe Extraction Well Mass Removal Summary
CS-10 2012 Summary Letter Report

Date Sampled	TCE Mass Removed for Period (lb)	PCE Mass Removed for Period (lb)	Cumulative TCE Mass Removed Since Startup (lb)	Cumulative PCE Mass Removed Since Startup (lb)	Cumulative TCE and PCE Mass Removed Since Startup (lb)
Jan-12	3.52	0.04	347.0	4.6	351.6
Feb-12	3.75	0.04	350.8	4.6	355.4
Mar-12	4.78	0.06	355.3	4.7	360.0
Apr-12	3.81	0.04	359.2	4.7	363.9
May-12	4.52	0.05	363.6	4.8	368.4
Jun-12	4.01	0.03	367.8	4.8	372.6
Jul-12	4.16	0.04	371.8	4.9	376.7
Aug-12	4.30	0.05	376.3	4.9	381.2
Sep-12	4.41	0.04	380.5	5.0	385.5
Oct-12	4.47	0.04	385.0	5.0	390.0
Nov-12	5.20	0.06	390.1	5.1	395.2
Dec-12	4.33	0.04	394.7	5.1	399.8
Total mass removed (TCE + PCE) first year (January 2000 - December 2000)					22.0
Total mass removed (TCE + PCE) second year (January 2001 - December 2001)					31.3
Total mass removed (TCE + PCE) third year (January 2002 - December 2002)					19.7
Total mass removed (TCE + PCE) fourth year (January 2003 - December 2003)					24.6
Total mass removed (TCE + PCE) fifth year (January 2004 - December 2004)					23.6
Total mass removed (TCE + PCE) sixth year (January 2005 - December 2005)					20.1
Total mass removed (TCE + PCE) seventh year (January 2006 - December 2006)					19.1
Total mass removed (TCE + PCE) eighth year (January 2007 - December 2007)					19.0
Total mass removed (TCE + PCE) ninth year (January 2008 - December 2008)					20.6
Total mass removed (TCE + PCE) tenth year (January 2009 - December 2009)					29.9
Total mass removed (TCE + PCE) eleventh year (January 2010 - December 2010)					45.9
Total mass removed (TCE + PCE) twelfth year (January 2011 - December 2011)					52.4
Total mass removed (TCE + PCE) thirteenth year (January 2012 - December 2012)					51.8
Total mass removed (TCE + PCE) through 13 years of operation (January 2000 - December 2012)					380.1
Total TCE mass removed in reporting period (January 2012 - December 2012)					51.2
Total PCE mass removed in reporting period (January 2012 - December 2012)					0.5
Total mass removed (TCE + PCE) in reporting period (January 2012 - December 2012)					51.8
Total mass removed (TCE + PCE) since startup (January 2000 - December 2012)					399.8

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:
lb = pound
PCE = tetrachloroethene
TCE = trichloroethene

Table 13a
CS-10 In-Plume Treatment Plant Electrical Consumption and Associated Air Emissions
CS-10 2012 Summary Letter Report

		1/1/2012 to 12/31/2012	System Startup (6/1999) to 12/31/2012
Volume of Groundwater Treated (million gallons)		**1,026**	**16,732**
Groundwater COC Mass Removal (pounds)		**209**	**4,898**
Electrical Usage (MWh)		**2,776**	**41,819**
Estimated Air Emissions[1] (based on electrical usage)	**CO_2 (tons)**	1,818	32,306
	NOx (lbs)	3,914	52,911
	PM-10 (lbs)	224	2,055
	SO_2 (lbs)	10,438	70,170
	VOCs (lbs)	137	2,303
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	**CO_2 (tons)**	0	0
	NOx (lbs)	0	0
	PM-10 (lbs)	0	0
	SO_2 (lbs)	0	0
	VOCs (lbs)	0	0
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	**CO_2 (tons)**	1873	3087
	NOx (lbs)	4033	6645
	PM-10 (lbs)	231	380
	SO_2 (lbs)	10754	17719
	VOCs (lbs)	141	232
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	**CO_2 (tons)**	**0**	**29,275**
	NOx (lbs)	**0**	**46,385**
	PM-10 (lbs)	**0**	**1,681**
	SO_2 (lbs)	**0**	**52,767**
	VOCs (lbs)	**0**	**2,075**

Notes:

1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (http://www.abraxasenergy.com/metrix4.php) and emission factors obtained from the following websites:
http://www.csgnetwork.com/elecpowerpolcalc.html
http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf
2) Option to purchase electricity from renewable sources is not available for CS-10 In Plume accounts.
3) Emissions offset by operation of AFCEE-owned wind turbines beginning on 12/2/2009 (Wind I) and 11/8/2011 (Wind II).

Key:
COC = contaminant of concern
CO_2 = carbon dioxide
CS-10 = Chemical Spill-10
lbs = pounds
MMR = Massachusetts Military Reservation
MWh = megawatt hours
NO_x = nitrogen oxides
PM-10 = particulate matter with a diameter of 10 micrometers or less
SO_2 = sulfur dioxide
VOCs = volatile organic compounds

Table 13b
CS-10 Sandwich Road Treatment Facility Electrical Consumption and Associated Air Emissions
CS-10 2012 Summary Letter Report

		1/1/2012 to 12/31/2012	System Startup (5/1999) to 12/31/2012
Volume of Groundwater Treated (million gallons)		**416**	**6,403**
Groundwater COC Mass Removal (pounds)		**66**	**1,463**
Electrical Usage (MWh)		**1,586**	**32,346**
Estimated Air Emissions[1] (based on electrical usage)	**CO_2 (tons)**	1,039	26,143
	NOx (lbs)	2,236	46,626
	PM-10 (lbs)	128	1,766
	SO_2 (lbs)	5,963	58,559
	VOCs (lbs)	78	2,051
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	**CO_2 (tons)**	50	329
	NOx (lbs)	109	669
	PM-10 (lbs)	6	36
	SO_2 (lbs)	290	1,611
	VOCs (lbs)	4	24
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	**CO_2 (tons)**	1,070	1691
	NOx (lbs)	2,304	3641
	PM-10 (lbs)	132	208
	SO_2 (lbs)	6,144	9709
	VOCs (lbs)	81	127
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	**CO_2 (tons)**	**0**	**24,204**
	NOx (lbs)	**0**	**42,493**
	PM-10 (lbs)	**0**	**1,532**
	SO_2 (lbs)	**0**	**47,708**
	VOCs (lbs)	**0**	**1,905**

Notes:

1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (http://www.abraxasenergy.com/metrix4.php) and emission factors obtained from the following websites:
http://www.csgnetwork.com/elecpowerpolcalc.html
http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf
2) Emissions offset by purchases of electricity from renewable sources beginning 7/1/2008.
3) Emissions offset by operation of AFCEE-owned wind turbines beginning on 12/2/2009 (Wind I) and 11/8/2011 (Wind II).

Key:
COC = contaminant of concern
CO_2 = carbon dioxide
CS-10 = Chemical Spill-10
lbs = pounds
MMR = Massachusetts Military Reservation
MWh = megawatt hours
NO_x = nitrogen oxides
PM-10 = particulate matter with a diameter of 10 micrometers or less
SO_2 = sulfur dioxide
VOCs = volatile organic compounds

ATTACHMENT A

Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards

Attachment A
Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards
Chemical Spill-10 2012 Summary Letter Report

Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
00MW0521A	11/2/2012	-23.70	WG	SW8260B	cis-1,2-DICHLOROETHENE	2.3	0.2	1	S	70	MCL	No
00MW0584A	11/5/2012	-240.78	WG	SW8260B	TETRACHLOROETHENE (PCE)	1	0.19	1	S	5	MCL	No
00MW0584A	11/5/2012	-240.78	WG	SW8260B	TRICHLOROETHENE (TCE)	6.6	0.2	1	S	5	MCL	Yes
00MW0605A	11/2/2012	-138.70	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
00MW0606A	10/31/2012	-256.79	WG	SW8260B	cis-1,2-DICHLOROETHENE	2.4	0.2	1	S	70	MCL	No
00MW0606A	10/31/2012	-256.79	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.19	1	S	5	MCL	No
00MW0606A	10/31/2012	-256.79	WG	SW8260B	TRICHLOROETHENE (TCE)	13	0.2	1	S	5	MCL	Yes
00MW0607A	10/31/2012	-135.74	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
00MW0608A	10/31/2012	-199.31	WG	SW8260B	cis-1,2-DICHLOROETHENE	5.3	0.2	1	S	70	MCL	No
00MW0608A	10/31/2012	-199.31	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1	S	5	MCL	No
00MW0608A	10/31/2012	-199.31	WG	SW8260B	TRICHLOROETHENE (TCE)	9.9	0.2	1	S	5	MCL	Yes
00MW0608B	10/31/2012	-129.01	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
00MW0609A	11/2/2012	-81.63	WG	SW8260B	cis-1,2-DICHLOROETHENE	3.4	0.2	1	S	70	MCL	No
00MW0609A	11/2/2012	-81.63	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
00MW0609A	11/2/2012	-81.63	WG	SW8260B	TRICHLOROETHENE (TCE)	117	0.5	2.5	S	5	MCL	Yes
00MW0609B	11/2/2012	-12.43	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03DP0039B	1/10/2012	-35.13	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03DP0039B	1/10/2012	-35.13	WG	SW8260B	TRICHLOROETHENE (TCE)	19	0.2	1	S	5	MCL	Yes
03DP1134	2/3/2012	-46.50	WA	SW8260B	cis-1,2-DICHLOROETHENE	3.1	0.2	1	S	70	MCL	No
03DP1134	2/3/2012	-56.50	WA	SW8260B	cis-1,2-DICHLOROETHENE	45	0.2	1	S	70	MCL	No
03DP1134	2/3/2012	-46.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	2.5	0.19	1	S	5	MCL	No
03DP1134	2/3/2012	-56.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	30	0.19	1	S	5	MCL	Yes
03DP1134	2/3/2012	-46.50	WA	SW8260B	TRICHLOROETHENE (TCE)	7.7	0.2	1	S	5	MCL	Yes
03DP1134	2/3/2012	-56.50	WA	SW8260B	TRICHLOROETHENE (TCE)	165	1	5	S	5	MCL	Yes
03DP1134	2/3/2012	-56.50	WA	SW8260B	VINYL CHLORIDE	BRL	0.2	1	JS	2	MCL	No
03DP1134	2/6/2012	-66.50	WA	SW8260B	cis-1,2-DICHLOROETHENE	16	0.2	1	S	70	MCL	No
03DP1134	2/6/2012	-66.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	4.8	0.19	1	S	5	MCL	No
03DP1134	2/6/2012	-66.50	WA	SW8260B	TRICHLOROETHENE (TCE)	63	0.2	1	S	5	MCL	Yes
03DP1134	2/7/2012	-76.50	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03DP1134	2/8/2012	-96.50	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03DP1134	2/8/2012	-96.50	WA	SW8260B	TRICHLOROETHENE (TCE)	1.5	0.2	1	S	5	MCL	No
03DP1134	2/9/2012	-105.50	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03DP1135	1/26/2012	-47.50	WA	SW8260B	cis-1,2-DICHLOROETHENE	1	0.2	1	S	70	MCL	No
03DP1135	1/26/2012	-47.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03DP1135	1/26/2012	-47.50	WA	SW8260B	TRICHLOROETHENE (TCE)	11	0.2	1	S	5	MCL	Yes
03DP1136	3/12/2012	-39.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03DP1137	3/27/2012	5.50	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03DP1137	3/29/2012	-64.50	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03DP1137	3/29/2012	-64.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.19	1	S	5	MCL	No
03DP1137	3/29/2012	-54.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03DP1137	3/29/2012	-64.50	WA	SW8260B	TRICHLOROETHENE (TCE)	3.4	0.2	1	S	5	MCL	No
03DP1137	3/29/2012	-54.50	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03EW2102	5/16/2012	-100.89	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No

Attachment A
Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards
Chemical Spill-10 2012 Summary Letter Report

Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03EW2102	5/16/2012	-100.89	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2102	5/16/2012	-100.89	WG	SW8260B	TRICHLOROETHENE (TCE)	61	0.2	1	S	5	MCL	Yes
03EW2102	11/27/2012	-100.89	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2102	11/27/2012	-100.89	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2102	11/27/2012	-100.89	WG	SW8260B	TRICHLOROETHENE (TCE)	58	0.2	1	S	5	MCL	Yes
03EW2103	5/16/2012	-50.13	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1	S	5	MCL	No
03EW2103	5/16/2012	-50.13	WG	SW8260B	TRICHLOROETHENE (TCE)	9.9	0.2	1	S	5	MCL	Yes
03EW2103	11/27/2012	-50.13	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.8	0.19	1	S	5	MCL	No
03EW2103	11/27/2012	-50.13	WG	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1	S	5	MCL	Yes
03EW2104	5/16/2012	-44.64	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2104	5/16/2012	-44.64	WG	SW8260B	TRICHLOROETHENE (TCE)	17	0.2	1	S	5	MCL	Yes
03EW2104	9/18/2012	-44.64	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2104	9/18/2012	-44.64	WG	SW8260B	TRICHLOROETHENE (TCE)	16	0.2	1	S	5	MCL	Yes
03EW2104	10/9/2012	-44.64	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2104	10/9/2012	-44.64	WG	SW8260B	TRICHLOROETHENE (TCE)	35	0.2	1	S	5	MCL	Yes
03EW2104	10/17/2012	-44.64	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2104	10/17/2012	-44.64	WG	SW8260B	TRICHLOROETHENE (TCE)	37	0.2	1	S	5	MCL	Yes
03EW2104	11/27/2012	-44.64	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2104	11/27/2012	-44.64	WG	SW8260B	TRICHLOROETHENE (TCE)	41	0.2	1	S	5	MCL	Yes
03EW2105	5/16/2012	-18.93	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.7	0.19	1	S	5	MCL	No
03EW2105	5/16/2012	-18.93	WG	SW8260B	TRICHLOROETHENE (TCE)	12	0.2	1	S	5	MCL	Yes
03EW2105	12/18/2012	-18.93	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.5	0.19	1	S	5	MCL	No
03EW2105	12/18/2012	-18.93	WG	SW8260B	TRICHLOROETHENE (TCE)	12	0.2	1	S	5	MCL	Yes
03EW2106	5/16/2012	-19.84	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03EW2106	11/27/2012	-19.84	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03EW2107	5/16/2012	-22.05	WG	SW8260B	TRICHLOROETHENE (TCE)	4.3	0.2	1	S	5	MCL	No
03EW2107	11/27/2012	-22.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2107	11/27/2012	-22.05	WG	SW8260B	TRICHLOROETHENE (TCE)	4.7	0.2	1	S	5	MCL	No
03EW2109	3/21/2012	-68.73	WG	SW7196	CHROMIUM, HEXAVALENT	BRL	0.3	1	J	100	MCL	No
03EW2109	3/21/2012	-68.73	WG	SW6010B	MANGANESE	BRL	2.8	15	J	300	HA	No
03EW2109	3/21/2012	-68.73	WG	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1	S	5	MCL	Yes
03EW2109	9/11/2012	-68.73	WG	SW6010B	MANGANESE	BRL	2.8	15	J	300	HA	No
03EW2109	9/11/2012	-68.73	WG	SW8260B	TRICHLOROETHENE (TCE)	7.8	0.2	1	S	5	MCL	Yes
03EW2110	1/23/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1	S	5	MCL	No
03EW2110	1/23/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	4.3	0.2	1	S	5	MCL	No
03EW2110	3/21/2012	-54.55	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2110	3/21/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.2	0.19	1	S	5	MCL	No
03EW2110	3/21/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	18	0.2	1	S	5	MCL	Yes
03EW2110	4/11/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.3	0.19	1	S	5	MCL	No
03EW2110	4/11/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	8.6	0.2	1	S	5	MCL	Yes
03EW2110	4/13/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1	S	5	MCL	No
03EW2110	4/13/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	5.2	0.2	1	S	5	MCL	Yes
03EW2110	4/18/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.3	0.19	1	S	5	MCL	No

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03EW2110	4/18/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	5.4	0.2	1	S	5	MCL	Yes
03EW2110	5/11/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.2	0.19	1	S	5	MCL	No
03EW2110	5/11/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	4.1	0.2	1	S	5	MCL	No
03EW2110	6/6/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.8	0.19	1	S	5	MCL	No
03EW2110	6/6/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	3.4	0.2	1	S	5	MCL	No
03EW2110	8/20/2012	-54.55	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2110	8/20/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2110	8/20/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	13	0.2	1	S	5	MCL	Yes
03EW2110	8/22/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.6	0.19	1	S	5	MCL	No
03EW2110	8/22/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	5.8	0.2	1	S	5	MCL	Yes
03EW2110	8/27/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1	S	5	MCL	No
03EW2110	8/27/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	4.6	0.2	1	S	5	MCL	No
03EW2110	9/20/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1	S	5	MCL	No
03EW2110	9/20/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	3.9	0.2	1	S	5	MCL	No
03EW2110	10/19/2012	-54.55	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1	S	5	MCL	No
03EW2110	10/19/2012	-54.55	WG	SW8260B	TRICHLOROETHENE (TCE)	4.5	0.2	1	S	5	MCL	No
03EW2111	5/17/2012	-75.91	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2111	5/17/2012	-75.91	WG	SW8260B	TRICHLOROETHENE (TCE)	4.2	0.2	1	S	5	MCL	No
03EW2111	11/27/2012	-75.91	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2111	11/27/2012	-75.91	WG	SW8260B	TRICHLOROETHENE (TCE)	5.2	0.2	1	S	5	MCL	Yes
03EW2112	5/17/2012	-119.59	WG	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	S	5	MCL	No
03EW2112	12/18/2012	-119.59	WG	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	S	5	MCL	No
03EW2171	5/17/2012	-129.28	WG	SW8260B	TRICHLOROETHENE (TCE)	4.5	0.2	1	S	5	MCL	No
03EW2171	11/6/2012	-129.28	WG	SW8260B	TRICHLOROETHENE (TCE)	4.5	0.2	1	S	5	MCL	No
03EW2172	5/17/2012	-120.86	WG	SW8260B	TRICHLOROETHENE (TCE)	3.9	0.2	1	S	5	MCL	No
03EW2172	11/6/2012	-120.86	WG	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.2	1	S	5	MCL	No
03EW2173	5/17/2012	-122.29	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2173	5/17/2012	-122.29	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2173	5/17/2012	-122.29	WG	SW8260B	TRICHLOROETHENE (TCE)	14	0.2	1	S	5	MCL	Yes
03EW2173	11/6/2012	-122.29	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2173	11/6/2012	-122.29	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2173	11/6/2012	-122.29	WG	SW8260B	TRICHLOROETHENE (TCE)	14	0.2	1	S	5	MCL	Yes
03EW2174	5/17/2012	-121.43	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2174	5/17/2012	-121.43	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2174	5/17/2012	-121.43	WG	SW8260B	TRICHLOROETHENE (TCE)	5.4	0.2	1	S	5	MCL	Yes
03EW2174	11/6/2012	-121.43	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2174	11/6/2012	-121.43	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2174	11/6/2012	-121.43	WG	SW8260B	TRICHLOROETHENE (TCE)	3	0.2	1	S	5	MCL	No
03EW2175	5/17/2012	-133.08	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2175	5/17/2012	-133.08	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2175	5/17/2012	-133.08	WG	SW8260B	TRICHLOROETHENE (TCE)	2.5	0.2	1	S	5	MCL	No
03EW2175	11/6/2012	-133.08	WG	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1	S	5	MCL	No
03EW2176	1/23/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.2	1	S	5	MCL	No

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03EW2176	2/23/2012	-146.21	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2176	2/23/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	1.9	0.2	1	S	5	MCL	No
03EW2176	3/21/2012	-146.21	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2176	3/21/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	1.9	0.2	1	S	5	MCL	No
03EW2176	4/18/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.2	1	S	5	MCL	No
03EW2176	5/17/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	1	0.2	1	S	5	MCL	No
03EW2176	6/19/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03EW2176	7/18/2012	-146.21	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2176	7/18/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	1.2	0.2	1	S	5	MCL	No
03EW2176	9/6/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03EW2176	11/6/2012	-146.21	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2176	11/6/2012	-146.21	WG	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1	S	5	MCL	No
03EW2177	1/23/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	1/23/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	1/23/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	4.9	0.2	1	S	5	MCL	No
03EW2177	2/23/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	2/23/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	2/23/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	4.6	0.2	1	S	5	MCL	No
03EW2177	3/21/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	3/21/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	3/21/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	4.8	0.2	1	S	5	MCL	No
03EW2177	4/18/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	4/18/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	4/18/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	4.4	0.2	1	S	5	MCL	No
03EW2177	5/17/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	5/17/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	5/17/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	4.1	0.2	1	S	5	MCL	No
03EW2177	6/19/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	6/19/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	6/19/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.2	1	S	5	MCL	No
03EW2177	7/18/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	7/18/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	7/18/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	2.6	0.2	1	S	5	MCL	No
03EW2177	9/6/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	9/6/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	9/6/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	2.5	0.2	1	S	5	MCL	No
03EW2177	11/6/2012	-142.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03EW2177	11/6/2012	-142.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03EW2177	11/6/2012	-142.05	WG	SW8260B	TRICHLOROETHENE (TCE)	2.2	0.2	1	S	5	MCL	No
03IJW001A	3/21/2012	-77.80	WG	SW7196	CHROMIUM, HEXAVALENT	14.2	0.3	1		100	MCL	No
03IJW001A	3/21/2012	-77.80	WG	SW8260B	cis-1,2-DICHLOROETHENE	1	0.2	1	S	70	MCL	No
03IJW001A	3/21/2012	-77.80	WG	SW6010B	MANGANESE	170	2.8	15		300	HA	No
03IJW001A	3/21/2012	-77.80	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03IJW001A	3/21/2012	-77.80	WG	SW8260B	TRICHLOROETHENE (TCE)	427	2	10	S	5	MCL	Yes
03IJW001A	9/11/2012	-77.80	WG	SW7196	CHROMIUM, HEXAVALENT	9.1	0.3	1		100	MCL	No
03IJW001A	9/11/2012	-77.80	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03IJW001A	9/11/2012	-77.80	WG	SW6010B	MANGANESE	3000	2.8	15		300	HA	Yes
03IJW001A	9/11/2012	-77.80	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03IJW001A	9/11/2012	-77.80	WG	SW8260B	TRICHLOROETHENE (TCE)	325	1	5	S	5	MCL	Yes
03MP0091A	11/15/2012	-163.82	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MP0091A	11/15/2012	-163.82	WG	SW8260B	TRICHLOROETHENE (TCE)	1.7	0.2	1	S	5	MCL	No
03MP0091B	11/15/2012	-121.32	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MP0091B	11/15/2012	-121.32	WG	SW8260B	TRICHLOROETHENE (TCE)	3.9	0.2	1	S	5	MCL	No
03MW0020	10/10/2012	30.10	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.19	1	S	5	MCL	No
03MW0020	10/10/2012	30.10	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0021A	10/10/2012	4.35	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1	S	5	MCL	No
03MW0021A	10/10/2012	4.35	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0028A	10/10/2012	-54.95	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW0028A	10/10/2012	-54.95	WG	SW8260B	TRICHLOROETHENE (TCE)	46	0.2	1	S	5	MCL	Yes
03MW0029A	10/11/2012	-52.41	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW0029A	10/11/2012	-52.41	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.19	1	S	5	MCL	No
03MW0029A	10/11/2012	-52.41	WG	SW8260B	TRICHLOROETHENE (TCE)	4.2	0.2	1	S	5	MCL	No
03MW0029B	10/11/2012	-15.68	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1	S	5	MCL	No
03MW0029B	10/11/2012	-15.68	WG	SW8260B	TRICHLOROETHENE (TCE)	1.5	0.2	1	S	5	MCL	No
03MW0030A	10/11/2012	-17.36	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.5	0.19	1	S	5	MCL	No
03MW0030A	10/11/2012	-17.36	WG	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.2	1	S	5	MCL	No
03MW0032	10/11/2012	-22.94	WG	SW8260B	TETRACHLOROETHENE (PCE)	5.7	0.19	1	S	5	MCL	Yes
03MW0032	10/11/2012	-22.94	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0033	10/11/2012	-32.50	WG	SW8260B	cis-1,2-DICHLOROETHENE	13	0.2	1	S	70	MCL	No
03MW0033	10/11/2012	-32.50	WG	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	S	5	MCL	No
03MW0035	10/9/2012	-14.30	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW0035	10/9/2012	-14.30	WG	SW8260B	TRICHLOROETHENE (TCE)	4.2	0.2	1	S	5	MCL	No
03MW0035	10/9/2012	-14.30	WG	SW8260B	VINYL CHLORIDE	BRL	0.2	1	JS	2	MCL	No
03MW0036	10/18/2012	0.54	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW0040B	10/19/2012	-29.90	WG	SW8260B	CARBON TETRACHLORIDE	BRL	0.2	1	JS	5	MCL	No
03MW0040B	10/19/2012	-29.90	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0040B	10/19/2012	-29.90	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0045	10/11/2012	-18.00	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0045	10/11/2012	-18.00	WG	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1	S	5	MCL	Yes
03MW0046	10/11/2012	-2.20	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0046	10/11/2012	-2.20	WG	SW8260B	TRICHLOROETHENE (TCE)	2.1	0.2	1	S	5	MCL	No
03MW0049	10/16/2012	-27.84	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0052A	11/20/2012	-148.76	WG	SW8260B	cis-1,2-DICHLOROETHENE	3	0.2	1	S	70	MCL	No
03MW0052A	11/20/2012	-148.76	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1	S	5	MCL	No
03MW0052A	11/20/2012	-148.76	WG	SW8260B	TRICHLOROETHENE (TCE)	25	0.2	1	S	5	MCL	Yes
03MW0052B	11/20/2012	-88.41	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No

Attachment A
Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards
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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03MW0052B	11/20/2012	-88.41	WG	SW8260B	TRICHLOROETHENE (TCE)	2.4	0.2	1	S	5	MCL	No
03MW0053	11/20/2012	-50.00	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0053	11/20/2012	-50.00	WG	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	S	5	MCL	No
03MW0070A	10/18/2012	-74.35	WG	SW8260B	CARBON TETRACHLORIDE	5	0.2	1	S	5	MCL	No
03MW0070A	10/18/2012	-74.35	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0070A	10/18/2012	-74.35	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0079	10/11/2012	-13.00	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0079	10/11/2012	-13.00	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0082	10/19/2012	-44.60	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0082	10/19/2012	-44.60	WG	SW8260B	TRICHLOROETHENE (TCE)	1	0.2	1	S	5	MCL	No
03MW0096	10/16/2012	-29.30	WG	SW8260B	cis-1,2-DICHLOROETHENE	1.2	0.2	1	S	70	MCL	No
03MW0096	10/16/2012	-29.30	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0096	10/16/2012	-29.30	WG	SW8260B	TRICHLOROETHENE (TCE)	77	0.2	1	S	5	MCL	Yes
03MW0097	10/18/2012	-17.30	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0100A	10/19/2012	-99.59	WG	SW8260B	TRICHLOROETHENE (TCE)	1.2	0.2	1	S	5	MCL	No
03MW0103B	11/27/2012	-122.56	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0103B	11/27/2012	-122.56	WG	SW8260B	TRICHLOROETHENE (TCE)	2	0.2	1	S	5	MCL	No
03MW0103C	11/27/2012	-67.86	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0103C	11/27/2012	-67.86	WG	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	S	5	MCL	No
03MW0104A	11/29/2012	-150.74	WG	SW8260B	TRICHLOROETHENE (TCE)	1.7	0.2	1	S	5	MCL	No
03MW0107B	10/10/2012	-18.86	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.3	0.19	1	S	5	MCL	No
03MW0107B	10/10/2012	-18.86	WG	SW8260B	TRICHLOROETHENE (TCE)	3.6	0.2	1	S	5	MCL	No
03MW0109B	10/12/2012	-30.49	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW0109B	10/12/2012	-30.49	WG	SW8260B	TETRACHLOROETHENE (PCE)	32	0.19	1	S	5	MCL	Yes
03MW0109B	10/12/2012	-30.49	WG	SW8260B	TRICHLOROETHENE (TCE)	20	0.2	1	S	5	MCL	Yes
03MW0110B	10/16/2012	-58.83	WG	SW8260B	TETRACHLOROETHENE (PCE)	63	0.19	1	S	5	MCL	Yes
03MW0110B	10/16/2012	-58.83	WG	SW8260B	TRICHLOROETHENE (TCE)	192	1	5	S	5	MCL	Yes
03MW0112B	11/16/2012	-43.67	WG	SW8260B	TRICHLOROETHENE (TCE)	6.4	0.2	1	S	5	MCL	Yes
03MW0114A	11/20/2012	-116.19	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW0114A	11/20/2012	-116.19	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0114A	11/20/2012	-116.19	WG	SW8260B	TRICHLOROETHENE (TCE)	17	0.2	1	S	5	MCL	Yes
03MW0116B	10/16/2012	-47.44	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1	S	5	MCL	No
03MW0116B	10/16/2012	-47.44	WG	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1	S	5	MCL	No
03MW0117A	11/20/2012	-142.83	WG	SW8260B	TETRACHLOROETHENE (PCE)	5.5	0.19	1	S	5	MCL	Yes
03MW0117A	11/20/2012	-142.83	WG	SW8260B	TRICHLOROETHENE (TCE)	27	0.2	1	S	5	MCL	Yes
03MW0117B	11/20/2012	-42.33	WG	SW8260B	TETRACHLOROETHENE (PCE)	6.7	0.19	1	S	5	MCL	Yes
03MW0117B	11/20/2012	-42.33	WG	SW8260B	TRICHLOROETHENE (TCE)	15	0.2	1	S	5	MCL	Yes
03MW0209C	11/29/2012	-81.60	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW0209E	11/29/2012	-125.60	WG	SW8260B	cis-1,2-DICHLOROETHENE	4.9	0.2	1	S	70	MCL	No
03MW0209E	11/29/2012	-125.60	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0209E	11/29/2012	-125.60	WG	SW8260B	TRICHLOROETHENE (TCE)	48	0.2	1	S	5	MCL	Yes
03MW0209F	11/29/2012	-147.19	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0209F	11/29/2012	-147.19	WG	SW8260B	TRICHLOROETHENE (TCE)	3.3	0.2	1	S	5	MCL	No

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03MW0210D	11/29/2012	-106.02	WG	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1	S	5	MCL	Yes
03MW0214F	11/29/2012	-148.48	WG	SW8260B	TRICHLOROETHENE (TCE)	1.6	0.2	1	S	5	MCL	No
03MW0214G	11/29/2012	-169.33	WG	SW8260B	cis-1,2-DICHLOROETHENE	4.8	0.2	1	S	70	MCL	No
03MW0214G	11/29/2012	-169.33	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0214G	11/29/2012	-169.33	WG	SW8260B	TRICHLOROETHENE (TCE)	15	0.2	1	S	5	MCL	Yes
03MW0220E	11/29/2012	-125.74	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW0220E	11/29/2012	-125.74	WG	SW8260B	TRICHLOROETHENE (TCE)	7.4	0.2	1	S	5	MCL	Yes
03MW0224C	11/29/2012	-82.54	WG	SW8260B	TRICHLOROETHENE (TCE)	1.5	0.2	1	S	5	MCL	No
03MW0224E	11/29/2012	-127.34	WG	SW8260B	cis-1,2-DICHLOROETHENE	3.3	0.2	1	S	70	MCL	No
03MW0224E	11/29/2012	-127.34	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.6	0.19	1	S	5	MCL	No
03MW0224E	11/29/2012	-127.34	WG	SW8260B	TRICHLOROETHENE (TCE)	30	0.2	1	S	5	MCL	Yes
03MW1001A	10/22/2012	-244.68	WG	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	S	5	MCL	No
03MW1005A	11/2/2012	-85.26	WG	SW8260B	cis-1,2-DICHLOROETHENE	1.8	0.2	1	S	70	MCL	No
03MW1005A	11/2/2012	-85.26	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.19	1	S	5	MCL	No
03MW1005A	11/2/2012	-85.26	WG	SW8260B	TRICHLOROETHENE (TCE)	163	1	5	S	5	MCL	Yes
03MW1005B	11/2/2012	-48.05	WG	SW8260B	cis-1,2-DICHLOROETHENE	5	0.2	1	S	70	MCL	No
03MW1005B	11/2/2012	-48.05	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.3	0.19	1	S	5	MCL	No
03MW1005B	11/2/2012	-48.05	WG	SW8260B	TRICHLOROETHENE (TCE)	508	2	10	S	5	MCL	Yes
03MW1006A	11/2/2012	-48.28	WG	SW8260B	cis-1,2-DICHLOROETHENE	1.3	0.2	1	S	70	MCL	No
03MW1006A	11/2/2012	-48.28	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1	S	5	MCL	No
03MW1006A	11/2/2012	-48.28	WG	SW8260B	TRICHLOROETHENE (TCE)	187	1	5	S	5	MCL	Yes
03MW1006B	11/2/2012	-28.78	WG	SW8260B	TRICHLOROETHENE (TCE)	4.5	0.2	1	S	5	MCL	No
03MW1008A	11/2/2012	-156.84	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1008A	11/2/2012	-156.84	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.6	0.19	1	S	5	MCL	No
03MW1008A	11/2/2012	-156.84	WG	SW8260B	TRICHLOROETHENE (TCE)	8.2	0.2	1	S	5	MCL	Yes
03MW1008B	11/2/2012	-122.84	WG	SW8260B	cis-1,2-DICHLOROETHENE	9.5	0.2	1	S	70	MCL	No
03MW1008B	11/2/2012	-122.84	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.4	0.19	1	S	5	MCL	No
03MW1008B	11/2/2012	-122.84	WG	SW8260B	TRICHLOROETHENE (TCE)	35	0.2	1	S	5	MCL	Yes
03MW1009A	10/31/2012	-184.24	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1009A	10/31/2012	-184.24	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.6	0.19	1	S	5	MCL	No
03MW1009A	10/31/2012	-184.24	WG	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1	S	5	MCL	Yes
03MW1009B	10/31/2012	-144.24	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW1009B	10/31/2012	-144.24	WG	SW8260B	TRICHLOROETHENE (TCE)	3.1	0.2	1	S	5	MCL	No
03MW1011A	10/25/2012	-209.54	WG	SW8260B	TRICHLOROETHENE (TCE)	1.7	0.2	1	S	5	MCL	No
03MW1011B	10/25/2012	-169.54	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW1014A	10/31/2012	-235.29	WG	SW8260B	1,4-DICHLOROBENZENE	BRL	0.19	1	JS	5	MCL	No
03MW1014A	10/31/2012	-235.29	WG	SW8260B	cis-1,2-DICHLOROETHENE	8.8	0.2	1	S	70	MCL	No
03MW1014A	10/31/2012	-235.29	WG	SW8260B	TETRACHLOROETHENE (PCE)	15	0.19	1	S	5	MCL	Yes
03MW1014A	10/31/2012	-235.29	WG	SW8260B	TRICHLOROETHENE (TCE)	36	0.2	1	S	5	MCL	Yes
03MW1015A	10/31/2012	-203.59	WG	SW8260B	cis-1,2-DICHLOROETHENE	1.2	0.2	1	S	70	MCL	No
03MW1015A	10/31/2012	-203.59	WG	SW8260B	TRICHLOROETHENE (TCE)	1.9	0.2	1	S	5	MCL	No
03MW1018A	10/12/2012	-141.85	WG	SW8260B	TRICHLOROETHENE (TCE)	51	0.2	1	S	5	MCL	Yes
03MW1018B	10/12/2012	-51.40	WG	SW8260B	TRICHLOROETHENE (TCE)	22	0.2	1	S	5	MCL	Yes

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03MW1019B	11/20/2012	-76.28	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW1020A	12/26/2012	-137.28	WG	SW8260B	TRICHLOROETHENE (TCE)	56	0.2	1	S	5	MCL	Yes
03MW1020B	12/26/2012	-52.27	WG	SW8260B	TRICHLOROETHENE (TCE)	55	0.2	1	S	5	MCL	Yes
03MW1024A	11/16/2012	-137.37	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1024A	11/16/2012	-137.37	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.6	0.19	1	S	5	MCL	No
03MW1024A	11/16/2012	-137.37	WG	SW8260B	TRICHLOROETHENE (TCE)	98	0.5	2.5	S	5	MCL	Yes
03MW1024C	3/20/2012	-92.37	WG	SW7196	CHROMIUM, HEXAVALENT	14.8	0.3	1		100	MCL	No
03MW1024C	3/20/2012	-92.37	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1024C	3/20/2012	-92.37	WG	SW6010B	MANGANESE	BRL	2.8	15	J	300	HA	No
03MW1024C	3/20/2012	-92.37	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW1024C	3/20/2012	-92.37	WG	SW8260B	TRICHLOROETHENE (TCE)	300	1	5	S	5	MCL	Yes
03MW1024C	9/11/2012	-92.37	WG	SW7196	CHROMIUM, HEXAVALENT	7.4	0.3	1		100	MCL	No
03MW1024C	9/11/2012	-92.37	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1024C	9/11/2012	-92.37	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW1024C	9/11/2012	-92.37	WG	SW8260B	TRICHLOROETHENE (TCE)	282	1	5	S	5	MCL	Yes
03MW1024D	3/20/2012	-82.58	WG	SW7196	CHROMIUM, HEXAVALENT	37.2	1.2	4		100	MCL	No
03MW1024D	3/20/2012	-82.58	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1024D	3/20/2012	-82.58	WG	SW6010B	MANGANESE	BRL	2.8	15	J	300	HA	No
03MW1024D	3/20/2012	-82.58	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.19	1	S	5	MCL	No
03MW1024D	3/20/2012	-82.58	WG	SW8260B	TRICHLOROETHENE (TCE)	240	1	5	S	5	MCL	Yes
03MW1024D	9/11/2012	-82.58	WG	SW7196	CHROMIUM, HEXAVALENT	39.6	3	10		100	MCL	No
03MW1024D	9/11/2012	-82.58	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1024D	9/11/2012	-82.58	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.1	0.19	1	S	5	MCL	No
03MW1024D	9/11/2012	-82.58	WG	SW8260B	TRICHLOROETHENE (TCE)	234	1	5	S	5	MCL	Yes
03MW1024E	11/16/2012	-72.23	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1024E	11/16/2012	-72.23	WG	SW8260B	TETRACHLOROETHENE (PCE)	1	0.19	1	S	5	MCL	No
03MW1024E	11/16/2012	-72.23	WG	SW8260B	TRICHLOROETHENE (TCE)	50	0.2	1	S	5	MCL	Yes
03MW1028B	10/16/2012	-28.07	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW1028B	10/16/2012	-28.07	WG	SW8260B	TRICHLOROETHENE (TCE)	5.8	0.2	1	S	5	MCL	Yes
03MW1030A	1/10/2012	-156.53	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW1030B	1/10/2012	-86.49	WG	SW8260B	TRICHLOROETHENE (TCE)	3.2	0.2	1	S	5	MCL	No
03MW1036A	3/21/2012	-64.81	WG	SW7196	CHROMIUM, HEXAVALENT	95.9	1.2	4		100	MCL	No
03MW1036A	3/21/2012	-64.81	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW1036A	3/21/2012	-64.81	WG	SW8260B	TRICHLOROETHENE (TCE)	16	0.2	1	S	5	MCL	Yes
03MW1036A	9/11/2012	-64.81	WG	SW7196	CHROMIUM, HEXAVALENT	84.2	6	20		100	MCL	No
03MW1036A	9/11/2012	-64.81	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW1036A	9/11/2012	-64.81	WG	SW8260B	TRICHLOROETHENE (TCE)	16	0.2	1	S	5	MCL	Yes
03MW1039A	1/9/2012	-67.67	WG	SW8260B	TETRACHLOROETHENE (PCE)	5.8	0.19	1	S	5	MCL	Yes
03MW1039A	1/9/2012	-67.67	WG	SW8260B	TRICHLOROETHENE (TCE)	15	0.2	1	S	5	MCL	Yes
03MW1039B	1/9/2012	-47.69	WG	SW8260B	TETRACHLOROETHENE (PCE)	8.3	0.19	1	S	5	MCL	Yes
03MW1039B	1/9/2012	-47.69	WG	SW8260B	TRICHLOROETHENE (TCE)	32	0.2	1	S	5	MCL	Yes
03MW1050A	1/11/2012	-80.81	WG	SW8260B	cis-1,2-DICHLOROETHENE	15	0.2	1	S	70	MCL	No
03MW1050A	1/11/2012	-80.81	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03MW1050A	1/11/2012	-80.81	WG	SW8260B	TRICHLOROETHENE (TCE)	3.7	0.2	1	S	5	MCL	No
03MW1050B	1/11/2012	-61.32	WG	SW8260B	cis-1,2-DICHLOROETHENE	3	0.2	1	S	70	MCL	No
03MW1050B	1/11/2012	-61.32	WG	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	S	5	MCL	No
03MW1059B	11/5/2012	-111.21	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW1090A	6/5/2012	-32.45	WA	SW8260B	cis-1,2-DICHLOROETHENE	6	0.2	1	S	70	MCL	No
03MW1090A	6/5/2012	-42.45	WA	SW8260B	cis-1,2-DICHLOROETHENE	21	0.2	1	S	70	MCL	No
03MW1090A	6/5/2012	-32.45	WA	SW8260B	TETRACHLOROETHENE (PCE)	5.1	0.19	1	S	5	MCL	Yes
03MW1090A	6/5/2012	-42.45	WA	SW8260B	TETRACHLOROETHENE (PCE)	16	0.19	1	S	5	MCL	Yes
03MW1090A	6/5/2012	-32.45	WA	SW8260B	TRICHLOROETHENE (TCE)	57	0.2	1	S	5	MCL	Yes
03MW1090A	6/5/2012	-42.45	WA	SW8260B	TRICHLOROETHENE (TCE)	356	2	10	S	5	MCL	Yes
03MW1090A	6/6/2012	-52.45	WA	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW1090A	6/6/2012	-52.45	WA	SW8260B	TRICHLOROETHENE (TCE)	8.5	0.2	1	S	5	MCL	Yes
03MW1090A	6/6/2012	-62.45	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW1090A	6/6/2012	-72.45	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW1090A	6/6/2012	-82.45	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW1090A	6/7/2012	-92.45	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2106A	10/18/2012	-101.94	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW2106A	10/18/2012	-101.94	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.1	0.19	1	S	5	MCL	No
03MW2106A	10/18/2012	-101.94	WG	SW8260B	TRICHLOROETHENE (TCE)	154	1	5	S	5	MCL	Yes
03MW2108A	10/16/2012	-49.79	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2110A	12/26/2012	-52.19	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2110A	12/26/2012	-52.19	WG	SW8260B	TRICHLOROETHENE (TCE)	1.8	0.2	1	S	5	MCL	No
03MW2111B	10/11/2012	-38.91	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW2111B	10/11/2012	-38.91	WG	SW8260B	TETRACHLOROETHENE (PCE)	12	0.19	1	S	5	MCL	Yes
03MW2111B	10/11/2012	-38.91	WG	SW8260B	TRICHLOROETHENE (TCE)	5.9	0.2	1	S	5	MCL	Yes
03MW2116A	1/24/2012	-52.00	WG	SW8260B	cis-1,2-DICHLOROETHENE	54	0.2	1	S	70	MCL	No
03MW2116A	1/24/2012	-52.00	WG	M2720C	ETHANE	BRL	0.31	1	J	NA	N/A	N/A
03MW2116A	1/24/2012	-52.00	WG	M2720C	ETHENE	BRL	0.28	1	J	NA	N/A	N/A
03MW2116A	1/24/2012	-52.00	WG	SW6010B	IRON	BRL	8.1	100	J	300	SMCL	No
03MW2116A	1/24/2012	-52.00	WG	E300	NITROGEN, NITRATE (AS N)	100	15	100		1000	MMCL	No
03MW2116A	1/24/2012	-52.00	WG	E300	SULFATE (AS SO4)	2200	220	1000		250,000	SMCL	No
03MW2116A	1/24/2012	-52.00	WG	SW8260B	TETRACHLOROETHENE (PCE)	35	0.19	1	S	5	MCL	Yes
03MW2116A	1/24/2012	-52.00	WG	SW8260B	TRICHLOROETHENE (TCE)	586	2	10	S	5	MCL	Yes
03MW2116A	1/24/2012	-52.00	WG	SW8260B	VINYL CHLORIDE	BRL	0.2	1	JS	2	MCL	No
03MW2117B	10/11/2012	-51.17	WG	SW8260B	TRICHLOROETHENE (TCE)	6.5	0.2	1	S	5	MCL	Yes
03MW2119B	10/11/2012	-54.14	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW2119B	10/11/2012	-54.14	WG	SW8260B	TRICHLOROETHENE (TCE)	61	0.2	1	S	5	MCL	Yes
03MW2121A	10/16/2012	-46.56	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1	S	5	MCL	No
03MW2121A	10/16/2012	-46.56	WG	SW8260B	TRICHLOROETHENE (TCE)	22	0.2	1	S	5	MCL	Yes
03MW2122A	10/10/2012	-49.94	WG	SW8260B	TRICHLOROETHENE (TCE)	7.1	0.2	1	S	5	MCL	Yes
03MW2124A	10/9/2012	-78.50	WG	SW8260B	TRICHLOROETHENE (TCE)	1	0.2	1	S	5	MCL	No
03MW2145A	3/20/2012	-45.85	WG	SW7196	CHROMIUM, HEXAVALENT	BRL	0.3	1	J	100	MCL	No
03MW2145A	3/20/2012	-45.85	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No

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						All units - µg/L						
03MW2145A	9/11/2012	-45.85	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2148A	10/16/2012	-54.94	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2148A	10/16/2012	-54.94	WG	SW8260B	TRICHLOROETHENE (TCE)	3.8	0.2	1	S	5	MCL	No
03MW2149A	10/16/2012	-14.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2150A	10/9/2012	-66.82	WG	SW8260B	CARBON TETRACHLORIDE	BRL	0.2	1	JS	5	MCL	No
03MW2150A	10/9/2012	-66.82	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2150A	10/9/2012	-66.82	WG	SW8260B	TRICHLOROETHENE (TCE)	101	0.5	2.5	S	5	MCL	Yes
03MW2153A	10/16/2012	-35.49	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2153A	10/16/2012	-35.49	WG	SW8260B	TRICHLOROETHENE (TCE)	13	0.2	1	S	5	MCL	Yes
03MW2403A	12/26/2012	-46.88	WG	SW8260B	TRICHLOROETHENE (TCE)	1.5	0.2	1	S	5	MCL	No
03MW2408B	11/20/2012	-74.86	WG	SW8260B	TRICHLOROETHENE (TCE)	1.7	0.2	1	S	5	MCL	No
03MW2412A	6/1/2012	-137.70	WG	SW8260B	cis-1,2-DICHLOROETHENE	2.6	0.2	1	S	70	MCL	No
03MW2412A	6/1/2012	-137.70	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.6	0.19	1	S	5	MCL	No
03MW2412A	6/1/2012	-137.70	WG	SW8260B	TRICHLOROETHENE (TCE)	19	0.2	1	S	5	MCL	Yes
03MW2412A	6/20/2012	-137.70	WG	SW8260B	cis-1,2-DICHLOROETHENE	1.2	0.2	1	S	70	MCL	No
03MW2412A	6/20/2012	-137.70	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2412A	6/20/2012	-137.70	WG	SW8260B	TRICHLOROETHENE (TCE)	9.2	0.2	1	S	5	MCL	Yes
03MW2412A	11/27/2012	-137.70	WG	SW8260B	cis-1,2-DICHLOROETHENE	2	0.2	1	S	70	MCL	No
03MW2412A	11/27/2012	-137.70	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2412A	11/27/2012	-137.70	WG	SW8260B	TRICHLOROETHENE (TCE)	12	0.2	1	S	5	MCL	Yes
03MW2412B	6/1/2012	-97.10	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2412B	6/20/2012	-97.10	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2602A	10/9/2012	-22.61	WG	SW8260B	CARBON TETRACHLORIDE	4.1	0.2	1	S	5	MCL	No
03MW2602A	10/9/2012	-22.61	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2602A	10/9/2012	-22.61	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2609A	3/22/2012	-84.79	WG	SW7196	CHROMIUM, HEXAVALENT	BRL	0.3	1	J	100	MCL	No
03MW2609A	3/22/2012	-84.79	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW2609A	3/22/2012	-84.79	WG	SW6010B	MANGANESE	BRL	2.8	15	J	300	HA	No
03MW2609A	3/22/2012	-84.79	WG	SW8260B	TRICHLOROETHENE (TCE)	17	0.2	1	S	5	MCL	Yes
03MW2609A	9/11/2012	-84.79	WG	SW7196	CHROMIUM, HEXAVALENT	BRL	0.3	1	J	100	MCL	No
03MW2609A	9/11/2012	-84.79	WG	SW8260B	TRICHLOROETHENE (TCE)	16	0.2	1	S	5	MCL	Yes
03MW2609A	11/20/2012	-84.79	WG	SW8260B	TRICHLOROETHENE (TCE)	8.7	0.2	1	S	5	MCL	Yes
03MW2610A	3/22/2012	-84.09	WG	SW7196	CHROMIUM, HEXAVALENT	BRL	0.3	1	J	100	MCL	No
03MW2610A	3/22/2012	-84.09	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2610A	3/22/2012	-84.09	WG	SW8260B	TRICHLOROETHENE (TCE)	25	0.2	1	S	5	MCL	Yes
03MW2610A	9/11/2012	-84.09	WG	SW7196	CHROMIUM, HEXAVALENT	BRL	0.3	1	J	100	MCL	No
03MW2610A	9/11/2012	-84.09	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2610A	9/11/2012	-84.09	WG	SW8260B	TRICHLOROETHENE (TCE)	40	0.2	1	S	5	MCL	Yes
03MW2610A	11/20/2012	-84.09	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW2610A	11/20/2012	-84.09	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2610A	11/20/2012	-84.09	WG	SW8260B	TRICHLOROETHENE (TCE)	70	0.2	1	S	5	MCL	Yes
03MW2617A	10/31/2012	-158.95	WG	SW8260B	TRICHLOROETHENE (TCE)	5.4	0.2	1	S	5	MCL	Yes
03MW2618A	10/31/2012	-169.77	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03MW2618B	10/31/2012	-73.27	WG	SW8260B	cis-1,2-DICHLOROETHENE	4.3	0.2	1	S	70	MCL	No
03MW2618B	10/31/2012	-73.27	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2618B	10/31/2012	-73.27	WG	SW8260B	TRICHLOROETHENE (TCE)	7.1	0.2	1	S	5	MCL	Yes
03MW2620A	10/31/2012	-166.67	WG	SW8260B	cis-1,2-DICHLOROETHENE	2.7	0.2	1	S	70	MCL	No
03MW2620A	10/31/2012	-166.67	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.4	0.19	1	S	5	MCL	No
03MW2620A	10/31/2012	-166.67	WG	SW8260B	TRICHLOROETHENE (TCE)	6.8	0.2	1	S	5	MCL	Yes
03MW2622A	10/31/2012	-224.63	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
03MW2622A	10/31/2012	-224.63	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
03MW2622A	10/31/2012	-224.63	WG	SW8260B	TRICHLOROETHENE (TCE)	4.4	0.2	1	S	5	MCL	No
03MW2624A	10/25/2012	-239.51	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2624B	10/25/2012	-164.51	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2629A	11/20/2012	-18.38	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03MW2631A	11/20/2012	-47.69	WG	SW8260B	TRICHLOROETHENE (TCE)	14	0.2	1	S	5	MCL	Yes
03PLT01001 (IP A INF)	1/30/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.9	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	2/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	2/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.8	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	4/3/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	4/3/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	4/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.9	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.7	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	5/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.8	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	8.8	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	6/26/2012	0.00	WW	SW8260B	CHLOROBENZENE	BRL	0.17	1	J	100	MCL	No
03PLT01001 (IP A INF)	6/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.9	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.8	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	8/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	8.9	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	9/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	8.8	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	11/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.4	0.2	1		5	MCL	Yes
03PLT01001 (IP A INF)	12/26/2012	0.00	WW	SW8260B	CHLOROBENZENE	BRL	0.17	1	J	100	MCL	No
03PLT01001 (IP A INF)	12/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.9	0.19	1		5	MCL	No
03PLT01001 (IP A INF)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.4	0.2	1		5	MCL	Yes
03PLT01002 (IP A MID)	2/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.2	0.2	1		5	MCL	No
03PLT01002 (IP A MID)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT01002 (IP A MID)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.2	0.2	1		5	MCL	No
03PLT01003 (IP A EFF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT01003 (IP A EFF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT01004 (IP A MID)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	2	0.2	1		5	MCL	No
03PLT01004 (IP A MID)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT01004 (IP A MID)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No

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						All units - µg/L						
03PLT01004 (IP A MID)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT02001 (IP B INF)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	1/30/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	45	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	2/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	2/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	2/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	46	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	4/3/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	4/3/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	4/3/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	45	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	4/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	4/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	35	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	5/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	34	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	6/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	6/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	48	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	7/18/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	7/18/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	49	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	8/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	32	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	9/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	9/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1		5	MCL	No
03PLT02001 (IP B INF)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	44	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	10/25/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	51	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	11/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
03PLT02001 (IP B INF)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	56	0.2	1		5	MCL	Yes
03PLT02001 (IP B INF)	12/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02001 (IP B INF)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	55	0.2	1		5	MCL	Yes
03PLT02002 (IP B MID)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02002 (IP B MID)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.5	0.2	1		5	MCL	No
03PLT02002 (IP B MID)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT02002 (IP B MID)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02002 (IP B MID)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	3.1	0.2	1		5	MCL	No
03PLT02003 (IP B EFF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT02004 (IP B MID)	2/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02004 (IP B MID)	2/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1		5	MCL	No

Attachment A
Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards
Chemical Spill-10 2012 Summary Letter Report

Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03PLT02004 (IP B MID)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT02004 (IP B MID)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	3	0.2	1		5	MCL	No
03PLT03001 (IP C INF)	1/30/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	2/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	2/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.9	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	4/3/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	4/3/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	4/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.6	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	5/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.9	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	8.8	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	6/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.8	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	7/18/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	10	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	8/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.2	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	9/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.1	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.1	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	10/25/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.2	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	11/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.6	0.2	1		5	MCL	Yes
03PLT03001 (IP C INF)	12/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1		5	MCL	No
03PLT03001 (IP C INF)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	9.6	0.2	1		5	MCL	Yes
03PLT03002 (IP C MID)	4/3/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03002 (IP C MID)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1		5	MCL	No
03PLT03002 (IP C MID)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03002 (IP C MID)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03002 (IP C MID)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03002 (IP C MID)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	3	0.2	1		5	MCL	No
03PLT03003 (IP C MID)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.7	0.2	1		5	MCL	No
03PLT03003 (IP C MID)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03003 (IP C MID)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03003 (IP C MID)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	2.2	0.2	1		5	MCL	No
03PLT03004 (IP C EFF)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03004 (IP C EFF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03004 (IP C EFF)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT03004 (IP C EFF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT04001 (IP D INF)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	1/30/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	32	0.2	1		5	MCL	Yes

Attachment A
Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards
Chemical Spill-10 2012 Summary Letter Report

Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03PLT04001 (IP D INF)	2/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	2/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	2/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	30	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	4/3/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	4/3/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	4/3/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	30	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	4/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	4/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	32	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	5/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	30	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	6/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	6/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	30	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	7/18/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	7/18/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	34	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	8/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.6	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	30	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	9/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	19	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	10/25/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.3	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	27	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	11/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04001 (IP D INF)	11/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	29	0.2	1		5	MCL	Yes
03PLT04001 (IP D INF)	12/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.19	1		5	MCL	No
03PLT04001 (IP D INF)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	27	0.2	1		5	MCL	Yes
03PLT04002 (IP D MID)	2/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04002 (IP D MID)	2/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.6	0.2	1		5	MCL	No
03PLT04002 (IP D MID)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	2.8	0.2	1		5	MCL	No
03PLT04003 (IP D MID)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04003 (IP D MID)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	2.1	0.2	1		5	MCL	No
03PLT04003 (IP D MID)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT04003 (IP D MID)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04003 (IP D MID)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	3.1	0.2	1		5	MCL	No
03PLT04003 (IP D MID)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT04003 (IP D MID)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
03PLT04003 (IP D MID)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	2.5	0.2	1		5	MCL	No
03PLT04004 (IP D EFF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No

Attachment A
Comparison of Detected Concentrations in CS-10 Groundwater and Treatment Plant Samples to Applicable Standards
Chemical Spill-10 2012 Summary Letter Report

Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
03PLT04004 (IP D EFF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT04004 (IP D EFF)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03PLT04004 (IP D EFF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
03UW0025B	10/10/2012	53.00	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.3	0.19	1	S	5	MCL	No
03UW0025B	10/10/2012	53.00	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
03UW0027-098	10/10/2012	50.89	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
28PLT01016 (SR MID)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01016 (SR MID)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01016 (SR MID)	6/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01016 (SR MID)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01016 (SR MID)	7/18/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01016 (SR MID)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01016 (SR MID)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01016 (SR MID)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.9	0.2	1		5	MCL	No
28PLT01017 (SR MID)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01017 (SR MID)	2/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01017 (SR MID)	2/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01017 (SR MID)	3/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01017 (SR MID)	3/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.2	1		5	MCL	No
28PLT01017 (SR MID)	11/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01017 (SR MID)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01017 (SR MID)	12/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01017 (SR MID)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01026 (SR MID)	4/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01026 (SR MID)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01026 (SR MID)	6/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01026 (SR MID)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01026 (SR MID)	7/18/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01026 (SR MID)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1		5	MCL	No
28PLT01035 (SR EFF)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01035 (SR EFF)	2/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01035 (SR EFF)	3/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01035 (SR EFF)	3/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01035 (SR EFF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01044 (SR MID)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01044 (SR MID)	2/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01044 (SR MID)	3/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01044 (SR MID)	3/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01044 (SR MID)	4/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01044 (SR MID)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1		5	MCL	No
28PLT01044 (SR MID)	12/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01045 (SR MID)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01045 (SR MID)	9/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No

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						All units - µg/L						
28PLT01045 (SR MID)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01045 (SR MID)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01045 (SR MID)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.2	1		5	MCL	No
28PLT01046 (SR MID)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01046 (SR MID)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01046 (SR MID)	2/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01046 (SR MID)	2/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01046 (SR MID)	3/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01046 (SR MID)	3/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.9	0.2	1		5	MCL	No
28PLT01046 (SR MID)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01046 (SR MID)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01046 (SR MID)	9/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01046 (SR MID)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01046 (SR MID)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01046 (SR MID)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01046 (SR MID)	11/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01046 (SR MID)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1		5	MCL	No
28PLT01047 (SR MID)	4/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01047 (SR MID)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	J	5	MCL	No
28PLT01047 (SR MID)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01047 (SR MID)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	1	0.2	1		5	MCL	No
28PLT01047 (SR MID)	6/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01047 (SR MID)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	2.6	0.2	1		5	MCL	No
28PLT01048 (SR INF)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	1/30/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5	0.2	1		5	MCL	No
28PLT01048 (SR INF)	2/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	2/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	2/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.3	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	3/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	3/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	3/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.4	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	4/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	4/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.2	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	5/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.1	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5	0.2	1		5	MCL	No
28PLT01048 (SR INF)	7/18/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	7/18/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.6	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
28PLT01048 (SR INF)	8/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.9	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	9/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	9/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.1	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	10/25/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	4.7	0.2	1		5	MCL	No
28PLT01048 (SR INF)	11/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	11/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01048 (SR INF)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	5.1	0.2	1		5	MCL	Yes
28PLT01048 (SR INF)	12/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01048 (SR INF)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	4.9	0.2	1		5	MCL	No
28PLT01050 (NL INF)	1/30/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	1/30/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	1/30/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	51	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	2/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	2/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	2/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	50	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	3/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	3/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	3/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	58	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	4/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	4/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	4/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	56	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	5/29/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	5/29/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	5/29/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	57	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	6/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	6/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	6/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	53	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	7/18/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	7/18/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	7/18/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	62	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	8/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	8/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	8/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	52	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	9/27/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	9/27/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	9/27/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	57	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	10/25/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	10/25/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	10/25/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	57	0.2	1		5	MCL	Yes

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Location	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Qual	Standard	Type[1,2,3]	Standard Exceeded?
						All units - µg/L						
28PLT01050 (NL INF)	11/28/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	11/28/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	11/28/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	62	0.2	1		5	MCL	Yes
28PLT01050 (NL INF)	12/26/2012	0.00	WW	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	J	70	MCL	No
28PLT01050 (NL INF)	12/26/2012	0.00	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	J	5	MCL	No
28PLT01050 (NL INF)	12/26/2012	0.00	WW	SW8260B	TRICHLOROETHENE (TCE)	52	0.2	1		5	MCL	Yes
38MW0061	12/26/2012	-32.50	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	JS	70	MCL	No
38MW0061	12/26/2012	-32.50	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1	S	5	MCL	No
38MW0061	12/26/2012	-32.50	WG	SW8260B	TRICHLOROETHENE (TCE)	1.8	0.2	1	S	5	MCL	No
38MW0062	12/26/2012	-33.61	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	JS	5	MCL	No
38MW0062	12/26/2012	-33.61	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
38MW0063	12/26/2012	-36.00	WG	SW8260B	TRICHLOROETHENE (TCE)	13	0.2	1	S	5	MCL	Yes
USFW347116	12/26/2012	-55.05	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	JS	5	MCL	No
USFW347131	12/26/2012	-69.73	WG	SW8260B	TRICHLOROETHENE (TCE)	16	0.2	1	S	5	MCL	Yes
USFW347145	12/26/2012	-83.92	WG	SW8260B	TRICHLOROETHENE (TCE)	7.2	0.2	1	S	5	MCL	Yes

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Notes:

1. MCLs from Environmental Protection Agency (EPA) web page, http://water.epa.gov/drink/contaminants/ and HA from http://water.epa.gov/action/advisories/drinking/drinking_index.cfm
2. MMCLs, SMCLs, and ORSGs from Massachusetts Department of Environmental Protection (MassDEP) web page, http://www.mass.gov/dep/water/dwstand.pdf.
3. Detections of tert-butyl methyl ether (MTBE), chloromethane, and the trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) are not included because they are not considered MMR plume-related compounds.
4. Detections of benzene, toluene, ethylbenzene, and xylenes were reported in surface water sampled from Johns Pond. These data are not included because they are not related to the CS-10 plume.

Key:

BRL = below the reporting limit
DL = detection limit
EFF = treatment plant effluent
ft msl = feet mean sea level
HA = EPA Health Advisory
INF = treatment plant influent
IP = In-Plume
IP A = In-Plume Treatment Plant A
IP B = In-Plume Treatment Plant B
IP C = In-Plume Treatment Plant C
IP D = In-Plume Treatment Plant D
J = estimated concentration
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
MID = treatment plant midpoint sample
MMCL = Massachusetts Maximum Contaminant Level
NA = not available
N/A = not applicable
NL = Northern Lobe
ORSG = Office of Research and Standards Guidance (MassDEP)
Qual = qualifier
RL = reporting limit
SMCL = Secondary Maximum Contaminant Level
S = screening level data
SR - Sandwich Road
SR/NL = Sandwich Road and Northern Lobe Combined
WA = borehole screening sample
WG = groundwater sample
WW = plant water
µg/L = micrograms per liter

ATTACHMENT B

CS-10 Groundwater Vertical Profiling Results

03DP1134

03DP1135

03DP1136

03DP1137

03MW1090A

Attachment B
Groundwater Vertical Profiling Results
Boring 03DP1134 (North Outer Road - North of 03MW2116A)

Sample Interval	Date Sampled	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	TCE (µg/L) MCL = 5 µg/L	PCE (µg/L) MCL = 5 µg/L	cis-1,2-DCE MCL = 70 µg/L
A	2/1/12	70	75	72.5	53.5	ND	ND	ND
B	2/1/12	80	85	82.5	43.5	ND	ND	ND
C	2/2/12	90	95	92.5	33.5	ND	ND	ND
D	2/2/12	100	105	102.5	23.5	ND	ND	ND
E	2/2/12	110	115	112.5	13.5	ND	ND	ND
F	2/2/12	120	125	122.5	3.5	ND	ND	ND
G	2/2/12	130	135	132.5	-6.5	ND	ND	ND
H	2/3/12	140	145	142.5	-16.5	ND	ND	ND
I	2/3/12	150	155	152.5	-26.5	ND	ND	ND
J	2/3/12	160	165	162.5	-36.5	ND	ND	ND
K	2/3/12	170	175	172.5	-46.5	**7.7**	2.5	3.1
L	2/3/12	180	185	182.5	-56.5	**165**	**30**	45
M	2/6/12	190	195	192.5	-66.5	**63**	4.8	16
N	2/7/12	200	205	202.5	-76.5	BRL	ND	ND
O	2/7/12	210	215	212.5	-86.5	ND	ND	ND
P	2/8/12	220	225	222.5	-96.5	1.5	ND	BRL
Q	2/9/12	229	234	231.5	-105.5	BRL	ND	ND

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:

BOS = bottom of sample
BRL = below reporting limit
cis-1,2-DCE = cis-1,2-dichloroethene
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TCE = trichloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Ground surface elevation is approximately 126 ft msl.
Bold value indicates an MCL exceedance.
03MW2116A is screened from -49.5 to -54.5 ft msl (170-175 ft bgs).
Rig refusal was at 234 ft bgs (-108 ft msl).

Attachment B
Groundwater Vertical Profiling Results
Boring 03DP1135 (South Inner Road - South of 03MW2116A)

Sample Interval	Date Sampled	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	TCE (µg/L) MCL = 5 µg/L	PCE (µg/L) MCL = 5 µg/L	cis-1,2-DCE MCL = 70 µg/L
A	1/24/12	55	60	57.5	52.5	ND	ND	ND
B	1/24/12	65	70	67.5	42.5	ND	ND	ND
C	1/24/12	75	80	77.5	32.5	ND	ND	ND
D	1/24/12	85	90	87.5	22.5	ND	ND	ND
E	1/24/12	95	100	97.5	12.5	ND	ND	ND
F	1/25/12	105	110	107.5	2.5	ND	ND	ND
G	1/25/12	115	120	117.5	-7.5	ND	ND	ND
H	1/25/12	125	130	127.5	-17.5	ND	ND	ND
I	1/25/12	135	140	137.5	-27.5	ND	ND	ND
J	1/26/12	145	150	147.5	-37.5	ND	ND	ND
K	1/26/12	155	160	157.5	-47.5	**11**	BRL	1
L	1/26/12	165	170	167.5	-57.5	ND	ND	ND
M	1/27/12	175	180	177.5	-67.5	ND	ND	ND
N	1/30/12	185	190	187.5	-77.5	ND	ND	ND

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:

BOS = bottom of sample
BRL = below reporting limit
cis-1,2-DCE = cis-1,2-dichloroethene
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TCE = trichloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Ground surface elevation is approximately 110 ft msl.
Bold value indicates an MCL exceedance.
03MW2116A is screened from -49.5 to -54.5 ft msl (170-175 ft bgs).
Rig refusal was at 190 ft bgs (-80 ft msl).

Attachment B
Groundwater Vertical Profiling Results
Boring 03DP1136 (Along Storm Drain - North of Sandwich Road, 03EW2176, and 03EW2177)

Sample Interval	Date Sampled	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	TCE (µg/L) MCL = 5 µg/L	PCE (µg/L) MCL = 5 µg/L
A	3/9/12	30	35	32.5	50.5	ND	ND
B	3/9/12	40	45	42.5	40.5	ND	ND
C	3/9/12	50	55	52.5	30.5	ND	ND
D	3/9/12	60	65	62.5	20.5	ND	ND
E	3/9/12	70	75	72.5	10.5	ND	ND
F	3/9/12	80	85	82.5	0.5	ND	ND
G	3/9/12	90	95	92.5	-9.5	ND	ND
H	3/9/12	100	105	102.5	-19.5	ND	ND
I	3/12/12	110	115	112.5	-29.5	ND	ND
J	3/12/12	120	125	122.5	-39.5	ND	BRL
K	3/12/12	130	135	132.5	-49.5	ND	ND
L	3/13/12	140	145	142.5	-59.5	ND	ND
M	3/19/12	150	155	152.5	-69.5	ND	ND
N	3/19/12	160	165	162.5	-79.5	ND	ND
O	3/19/12	170	175	172.5	-89.5	ND	ND
P	3/20/12	180	185	182.5	-99.5	ND	ND
Q	3/20/12	190	195	192.5	-109.5	ND	ND
R	3/20/12	200	205	202.5	-119.5	ND	ND
S	3/21/12	210	215	212.5	-129.5	ND	ND
T	3/21/12	220	225	222.5	-139.5	ND	ND
U	3/22/12	230	235	232.5	-149.5	ND	ND
V	3/22/12	238.8	243.8	241.3	-158.3	ND	ND

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:

BOS = bottom of sample
BRL = below reporting limit
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TCE = trichloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Ground surface elevation is approximately 83 ft msl.
03EW2176 is screened from -125 to -167 ft msl and 03EW2177 is screened from -125 to -159 ft msl.
Rig refusal was at 243.8 ft bgs (-160.8 ft msl).

Attachment B
Groundwater Vertical Profiling Results
Boring 03DP1137 (Trail North of North Truck Road and North of 03MW2116A)

Sample Interval	Date Sampled	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	TCE (µg/L) MCL = 5 µg/L	PCE (µg/L) MCL = 5 µg/L	cis-1,2-DCE MCL = 70 µg/L
A	3/27/12	120	125	122.5	5.5	BRL	ND	ND
B	3/28/12	130	135	132.5	-4.5	ND	ND	ND
C	3/28/12	140	145	142.5	-14.5	ND	ND	ND
D	3/28/12	150	155	152.5	-24.5	ND	ND	ND
E	3/28/12	160	165	162.5	-34.5	ND	ND	ND
F	3/29/12	170	175	172.5	-44.5	ND	ND	ND
G	3/29/12	180	185	182.5	-54.5	BRL	BRL	ND
H	3/29/12	190	195	192.5	-64.5	3.4	1.1	BRL
I	4/2/12	200	205	202.5	-74.5	ND	ND	ND
J	4/2/12	210	215	212.5	-84.5	ND	ND	ND
K	4/3/12	220	225	222.5	-94.5	ND	ND	ND
L	4/4/12	230	235	232.5	-104.5	NS	NS	NS
M	4/5/12	240	245	242.5	-114.5	ND	ND	ND
N	4/6/12	250	255	252.5	-124.5	NS	NS	NS

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:

BOS = bottom of sample
BRL = below reporting limit
cis-1,2-DCE = cis-1,2-dichloroethene
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
NS = not sampled
PCE = tetrachloroethene
TCE = trichloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Ground surface elevation is approximately 128 ft msl.
03MW2116A is screened from -49.5 to -54.5 ft msl (170-175 ft bgs).
Rig refusal was at 255 ft bgs (-127 ft msl).

Attachment B
Groundwater Vertical Profiling Results
Boring 03MW1090A (Generals Blvd - Downgradient of 03MW2116A)

Sample Interval	Date Sampled	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Depth (ft msl)	TCE (µg/L) MCL = 5 µg/L	PCE (µg/L) MCL = 5 µg/L	cis-1,2-DCE MCL = 70 µg/L
A	6/5/12	140	145	142.5	-22.5	ND	ND	ND
B	6/5/12	150	155	152.5	-32.5	**57**	**5.1**	6
C	6/5/12	160	165	162.5	-42.5	**356**	**16**	21
D	6/6/12	170	175	172.5	-52.5	**8.5**	ND	BRL
E	6/6/12	180	185	182.5	-62.5	BRL	ND	ND
F	6/6/12	190	195	192.5	-72.5	BRL	ND	ND
G	6/6/12	200	205	202.5	-82.5	BRL	ND	ND
H	6/7/12	210	215	212.5	-92.5	BRL	ND	ND
I	6/7/12	220	225	222.5	-102.5	NS	NS	NS
J	6/7/12	238	243	240.5	-120.5	ND	ND	ND
K	6/8/12	250	255	252.5	-132.5	NS	NS	NS
L	6/8/12	260	265	262.5	-142.5	ND	ND	ND
M	6/8/12	270	275	272.5	-152.5	ND	ND	ND

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:

BOS = bottom of sample
BRL = below reporting limit
cis-1,2-DCE = cis-1,2-dichloroethene
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
NS = not sampled
PCE = tetrachloroethene
TCE = trichloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Ground surface elevation is approximately 120 ft msl.
03MW2116A is screened from -49.5 to -54.5 ft msl (170-175 ft bgs).
Bold value indicates an MCL exceedance.
Bottom of boring was at 277 ft bgs (-157 msl).
Monitoring wells were installed from 200 to 205 ft bgs (03MW1090A) and from 160 to 165 ft bgs (03MW1090B).

ATTACHMENT C
Monitoring Well Construction Diagrams

03MW1056A

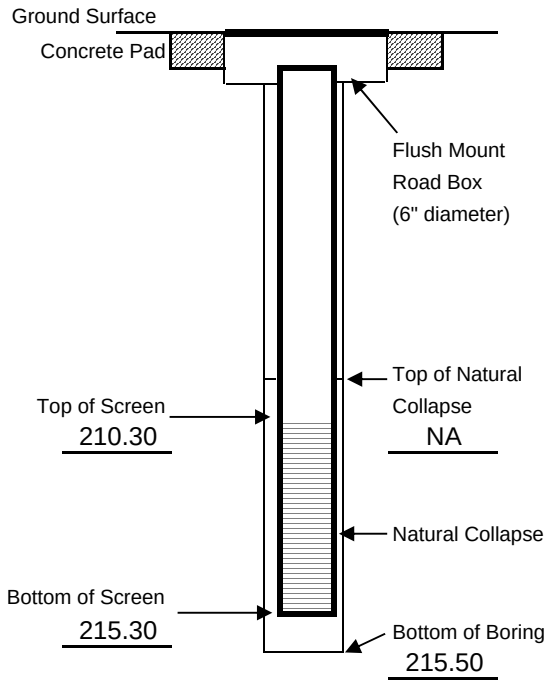
03MW1091A

03MW1093A

SMALL DIAMETER DRIVEN WELL INSTALLATION LOG
PIEZOMETER/WELL INSTALLATION DIAGRAM

Project Name:	SPEIM/LTM; CS-10	**LOC ID:**	03MW1056A
Project Number:	437075	**Total Borehole Depth:**	215.50 ft bgs
Date Started:	19-Dec-12	**Total Well Depth:**	215.30 ft bgs
Date Completed:	19-Dec-12	**Construction Materials:**	Mild steel
Rig Type:	Geoprobe 6620DT	**MP Elevation:**	
Rig Operator:	Mark Gifford	**Surface Elevation:**	
Borehole Diameter (in):	1.5	**Northing:**	
Well Diameter (in):	0.625	**Easting:**	

GRAPHICAL REPRESENTATION



PIEZOMETER/WELL MATERIAL DESCRIPTIONS

Well Riser: Flush joint; mild steel; threaded; 1.5-inch outer diameter; 5-foot long sections

Well Screen: Flush joint; mild steel; threaded; 0.010-in slot size; 1.5 inch outer diameter; 5-foot long sections; natural collapse.

Bentonite Grout: NA

Flush Mount Box: Environmental Manufacturing, Inc.; steel construction; 6-inch diameter; 10-inch depth.

Well Cap: Torquer Plug; 0.5 inch expandable locking well plug.

LEGEND:

LOC ID:	Location Identification
MP:	Measuring Point
in:	inches
ft:	feet
msl:	mean sea level
bgs:	below ground surface

INSTALLATION NOTES:

FIRST WATER: NA

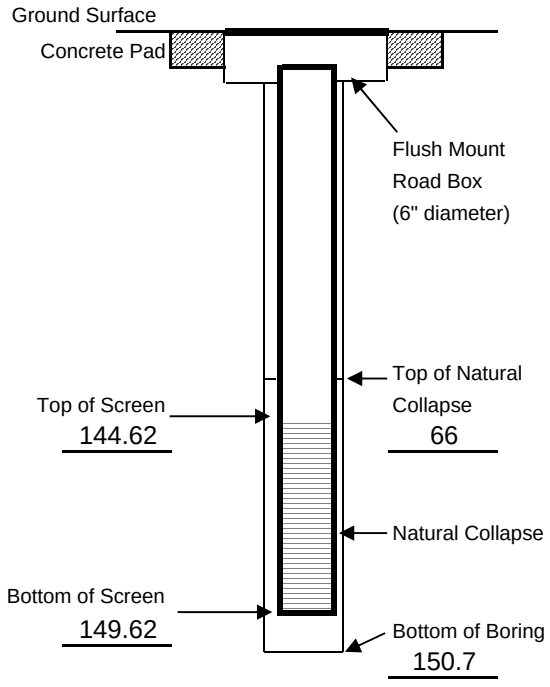
REFUSAL: NA

OTHER: Borehole depths are from ft bgs

SMALL DIAMETER DRIVEN WELL INSTALLATION LOG
PIEZOMETER/WELL INSTALLATION DIAGRAM

Project Name:	SPEIM/LTM; CS-10	**LOC ID:**	03MW1091A
Project Number:	437075	**Total Borehole Depth:**	150.7 ft bgs
Date Started:	27-Nov-12	**Total Well Depth:**	149.62 ft bgs
Date Completed:	29-Nov-12	**Construction Materials:**	Schedule 40 PVC
Rig Type:	Geoprobe 6620DT	**MP Elevation:**	
Rig Operator:	M. Gifford	**Surface Elevation:**	
Borehole Diameter (in):	2.25	**Northing:**	
Well Diameter (in):	0.75	**Easting:**	

GRAPHICAL REPRESENTATION



PIEZOMETER/WELL MATERIAL DESCRIPTIONS

Well Riser: Schedule 40 PVC; flush joint threaded; 0.75 inch inner diameter; 5-foot long sections.

Well Screen: Schedule 40 PVC; flush joint threaded; 0.010-in slot size; 0.75 in diameter; 5-foot long sections; outer stainless steel wire mesh with 0.011-inch pore size.

Bentonite Grout: NA

Flush Mount Box: Environmental Manufacturing, Inc.; steel construction; 6-inch diameter; 10-inch depth.

Well Cap: Geoprobe Systems Inc.; locking well plug; 0.75 inch diameter.

LEGEND:

LOC ID:	Location Identification
MP:	Measuring Point
in:	inches
ft:	feet
msl:	mean sea level
bgs:	below ground surface

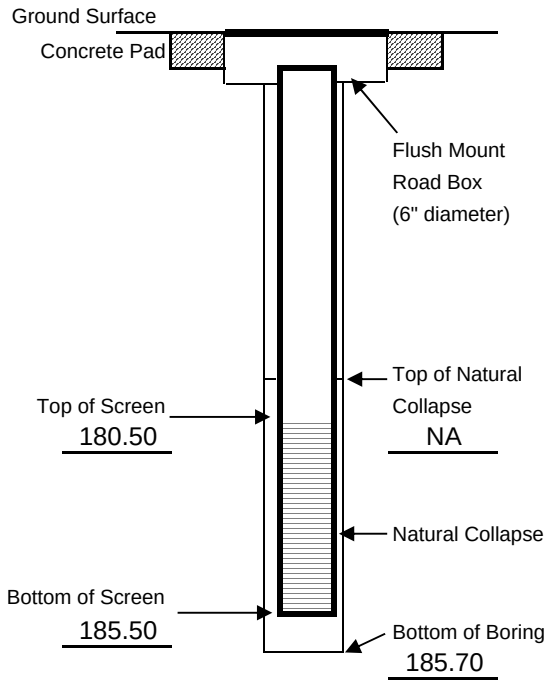
INSTALLATION NOTES:

FIRST WATER:	66 ft bgs.
REFUSAL:	NA
OTHER:	Borehole depths are from bgs

SMALL DIAMETER DRIVEN WELL INSTALLATION LOG
PIEZOMETER/WELL INSTALLATION DIAGRAM

Project Name:	SPEIM/LTM; CS-10	**LOC ID:**	03MW1093A
Project Number:	437075	**Total Borehole Depth:**	185.70 ft bgs
Date Started:	30-Nov-12	**Total Well Depth:**	185.50 ft bgs
Date Completed:	6-Dec-12	**Construction Materials:**	Mild steel
Rig Type:	Geoprobe 6620DT	**MP Elevation:**	
Rig Operator:	Mark Gifford	**Surface Elevation:**	
Borehole Diameter (in):	1.5	**Northing:**	
Well Diameter (in):	0.625	**Easting:**	

GRAPHICAL REPRESENTATION



PIEZOMETER/WELL MATERIAL DESCRIPTIONS

Well Riser: Flush joint; mild steel; threaded; 1.5-inch outer diameter; 5-foot long sections

Well Screen: Flush joint; mild steel; threaded; 0.010-in slot size; 1.5 inch outer diameter; 5-foot long sections; natural collapse.

Bentonite Grout: NA

Flush Mount Box: Environmental Manufacturing, Inc.; steel construction; 6-inch diameter; 10-inch depth.

Well Cap: Torquer Plug; 0.5 inch expandable locking well plug.

LEGEND:

LOC ID:	Location Identification
MP:	Measuring Point
in:	inches
ft:	feet
msl:	mean sea level
bgs:	below ground surface

INSTALLATION NOTES:

FIRST WATER:	66 feet bgs
REFUSAL:	NA
OTHER:	Borehole depths are from ft bgs

ATTACHMENT D
CS-10 2012 SLR
Data Summary Report

Attachment D
Data Summary Report
Chemical Spill-10 2012 Summary Letter Report

INTRODUCTION

The objective of this data summary report (DSR) is to assess the data quality of analytical results for samples collected for the Chemical Spill-10 System Performance and Ecological Impact Monitoring (SPEIM) Program at the Massachusetts Military Reservation (MMR) as presented in the *Chemical Spill-10 2012 Summary Letter Report*. This report is intended as a general data quality assessment designed to summarize data issues.

ANALYTICAL DATA

This DSR covers 76 borewater samples with five field duplicate samples, 294 groundwater samples with eight field duplicate samples, nine surface water samples, and 210 wastewater samples. Field duplicates are not required for treatment facility plant samples. These samples were reported under 115 sample delivery groups. Samples were collected between 09 January 2012 and 26 December 2012. The analyses were performed by Analytics Environmental Laboratory LLC (ANAP) in Portsmouth, New Hampshire and TriMatrix Laboratories (TMLG) in Grand Rapids, Michigan. Samples were collected and shipped by overnight carrier to ANAP and TMLG for analysis. Samples were analyzed for the analytes/methods provided in Table D-1.

Table D-1
Analytical Parameter

Parameter	Method	Laboratory
1,2-Dibromoethane (Ethylene Dibromide)	E504.1	ANAP
Volatile Organic Compounds (VOC)	SW8260B	ANAP
Screening Data VOCs	Modified SW8260B	ANAP, GWAB
Alkalinity	A2320	TMLG
Sulfide	A4500F	TMLG
Total Organic Carbon	A5310C	TMLG
Nitrate, Nitrite, Sulfate	E300	TMLG
Methane, Ethane and Ethene	M2720C	TMLG
Dissolved Iron and Manganese	SW6010B	TMLG

Table D-1
Analytical Parameter

Parameter	Method	Laboratory
Hexavalent Chromium	SW7196A	TMLG
Volatile Organic Compounds (VOC)	SW8260B	ANAP
Screening Data VOCs	Modified SW8260B	ANAP

A = Standard Methods for the Analysis of Water and Wastewater
E = Environmental Protection Agency (EPA) Method
SW = SW 846 Test Methods for Evaluating Solid Waste, 3rd Edition, Revision 4, 1996
M = EPA Region 1 Technical Guidance Report

The data were assessed using the MMR SPEIM Quality Assurance Project Plan (QAPP)[1]. The assessment included a review of the following:

- Chain-of-Custody documentation
- Holding time compliance
- Required quality control (QC) samples at the specified frequencies
- Method blanks
- Laboratory control spiking samples
- Surrogate spike recoveries
- Internal standards
- Initial and continuing calibration information and other method-specific criteria as defined by the SPEIM QAPP

Field samples were reviewed to ascertain field compliance and data quality issues. This included a review of trip blanks, equipment blanks, and field duplicates.

Data were carried through data validation as described in the SPEIM QAPP and data flags were assigned according to the SPEIM QAPP. These flags, and the reason for each flag, were entered into the electronic database and can be found in Table D-2 (located at the end of this attachment). Multiple flags are routinely applied to specific sample method/matrix/analyte combinations, but there is only one final flag. A final flag is applied to the data, and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

[1] AFCEE. 2012 (July). *Quality Assurance Project Plan for the MMR SPEIM/LTM/O&M Program.* 437075-Program-Multiple-QAPP-001. Prepared by CH2M HILL for AFCEE/MMR Installation Restoration Program, Otis Air National Guard Base, MA.

The data flags are listed in the SPEIM QAPP and are defined as follows:

- J = Analyte was present but the reported value may not be accurate or precise (estimated).
- R = Analyte result was unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
- U = Analyte was not detected at the specified detection limit.
- UJ = Analyte was not detected and the specified detection limit may not be accurate or precise (estimated).

FINDINGS

The summaries of the data validation findings are contained in the following subsections and Table D-2.

Holding Times

All holding-time criteria were met. No holding time flags were applied.

Calibration

Initial and continuing calibrations were analyzed as required in every analytical batch and were in control. No calibration flags were applied.

Method Blanks

Method blanks were analyzed at the required frequency for each method. Dissolved manganese and hexavalent chromium had blank absolute values greater than the detection limit for method SW7196A and SW6010B. There was one dissolved manganese and hexavalent chromium non-detected result flagged "UJ".

Field Blanks

Trip blanks and equipment blanks were collected and analyzed at the required frequency. Chloroform had a equipment blank concentration greater than the RL for method SW8260B. There was one Chloroform detected result flagged "US". Chloromethane had a trip blank concentration less than RL for method SW8260B. There were two Chloromethane detected results flagged "U".

Field Duplicates

Field duplicates were collected as required, and precision was acceptable. No field duplicate flags were applied.

Matrix Spike Samples

Matrix spike/matrix spike duplicates were not required for these samples in accordance with the SPEIM QAPP.

Surrogates

Surrogate recoveries met each method SPEIM QAPP criteria. No surrogate flags were applied.

Laboratory Control Samples

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed as required and in control. No LCS flags were applied.

Internal Standards

Internal standards were in control. No internal standard flags were applied.

Chain of Custody

No chain of custody anomalies were noted in the review.

Overall Assessment

The goal of this assessment is to demonstrate that a sufficient number of representative samples were collected and the resulting analytical data can be used to support the decision-making process. The procedures for assessing the precision, accuracy, representativeness, completeness, and comparability parameters (PARCC) are addressed in the SPEIM QAPP. The following summary highlights the PARCC findings for the above-defined events:

1. The completeness goal for valid usable data is 95 percent for aqueous samples. Completeness for aqueous samples was 100 percent.
2. The routinely acceptable performance of field and laboratory QC indicators (field duplicates, field blanks, laboratory blanks, surrogate spikes, LCS, and calibrations) shows that the precision and accuracy of the data met project objectives.
3. Sample results are representative and comparable to field conditions and past historical data because the field sampling and laboratory analyses were performed using standardized and documented procedures as defined in project documents. In addition, all results were reported with industry standard units. A minimum number of sample results were qualified due to blank contamination. Blank concentrations were relatively low in relation to the RL and overall, reflect normal laboratory and field operating conditions.

Table D-2
Validation Flags[a]

Field ID	Method	Analyte	Final Result (µg/L)	Final Flag	Reason
CHPB01090A-O0612S	SW8260B	Chloroform	1.6	US	EB>RL
CHPB02109-S0312F	SW7196A	Chromium, Hexavalent	0.0008	J	Negative blank
CHPB02116-O0112F	SW6010B	Manganese, dissolved	15	UJ	Negative blank
CHTG03001-M0113	SW8260B	Chloromethane	1	U	TB<RL
CHTG04002-M0113	SW8260B	Chloromethane	1	U	TB<RL

[a]Field samples and field duplicates only.

Table sorted by Reason, Analyte and Field ID.

Key:
EB>RL = equipment blank concentration greater than the RL
J = estimated
Negative blank = blank absolute value >DL
TB<RL = trip blank concentration less than RL
U = undetected
US = undetected screening data
µg/L = micrograms per liter

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0521A	11/2/2012	CHPB0521A-B1112DIFS	85	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.3	0.2	1	µg/L	S
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0565	10/31/2012	CHPB00565-B1112DIFS	120.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0581B	11/2/2012	CHPB0581B-B1112DIFS	113.2	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0583A	10/25/2012	CHPB0583A-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0583B	10/25/2012	CHPB0583B-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0583D	10/25/2012	CHPB0583D-B1112DIFS	20	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1	0.19	1	µg/L	S
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	6.6	0.2	1	µg/L	S
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0584A	11/5/2012	CHPB0584A-B1112DIFS	283.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0584B	11/5/2012	CHPB0584B-B1112DIFS	143.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0590A	10/22/2012	CHPB0590A-B1112DIFS	242.36	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0590B	10/22/2012	CHPB0590B-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
00MW0591A	10/22/2012	CHPB0591A-B1112DIFS	245.3	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0591B	10/22/2012	CHPB0591B-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0605A	11/2/2012	CHPB0605A-B1112DIFS	202	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	13	0.2	1	µg/L	S
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0606A	10/31/2012	CHPB0606A-B1112DIFS	322.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.4	0.2	1	µg/L	S
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0607A	10/31/2012	CHPB0607A-B1112DIFS	209.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	S
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.9	0.2	1	µg/L	S
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0608A	10/31/2012	CHPB0608A-B1112DIFS	242	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	5.3	0.2	1	µg/L	S
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0608B	10/31/2012	CHPB0608B-B1112DIFS	171.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	117	0.5	2.5	µg/L	S
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0609A	11/2/2012	CHPB0609A-B1112DIFS	142.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.4	0.2	1	µg/L	S
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0609B	11/2/2012	CHPB0609B-B1112DIFS	72.9	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
00MW0621A	11/2/2012	CHPB0621A-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	19	0.2	1	µg/L	S
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP0039B	1/10/2012	CHPB0039B-A1110S	148.02	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134A-O1111S	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/1/2012	CHPB01134B-O1111S	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134C-O1111S	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134D-O1111S	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134E-O1111S	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134F-O1111S	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	S
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/2/2012	CHPB01134G-O1111S	132.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134H-O1111S	142.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134I-O1111S	152.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	S
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	S
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134J-O1111S	162.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB11134J-O1111S	162.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.5	0.19	1	µg/L	S

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.7	0.2	1	µg/L	S
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134K-O1111S	172.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.1	0.2	1	µg/L	S
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	30	0.19	1	µg/L	S
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	165	1	5	µg/L	S
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	BRL	0.2	1	µg/L	JS
03DP1134	2/3/2012	CHPB01134L-O1111S	182.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	45	0.2	1	µg/L	S
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.8	0.19	1	µg/L	S
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	63	0.2	1	µg/L	S
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/6/2012	CHPB01134M-O1111S	192.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	16	0.2	1	µg/L	S
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134N-O1111S	202.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/7/2012	CHPB01134O-O1111S	212.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.2	1	µg/L	S
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/8/2012	CHPB01134P-O1111S	222.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1134	2/9/2012	CHPB01134Q-O1111S	231.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135A-O1111S	57.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135B-O1111S	67.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135C-O1111S	77.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135D-O1111S	87.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/24/2012	CHPB01135E-O1111S	97.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135F-O1111S	107.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135G-O1111S	117.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135H-O1111S	127.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	S
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/25/2012	CHPB01135I-O1111S	137.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.9	0.2	1	µg/L	S

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	1.9	0.2	1	µg/L	S
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB11135J-O1111S	147.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135J-O1111S	147.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	11	0.2	1	µg/L	S
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135K-O1111S	157.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1	0.2	1	µg/L	S
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/26/2012	CHPB01135L-O1111S	167.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/27/2012	CHPB01135M-O1111S	177.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1135	1/30/2012	CHPB01135N-O1111S	187.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136A-O0312S	32.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136B-O0312S	42.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136C-O0312S	52.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136D-O0312S	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136E-O0312S	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1136	3/9/2012	CHPB01136F-O0312S	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136G-O0312S	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/9/2012	CHPB01136H-O0312S	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136I-O0312S	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136J-O0312S	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB11136J-O0312S	122.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/12/2012	CHPB01136K-O0312S	132.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/13/2012	CHPB01136L-O0312S	142.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136M-O0312S	152.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136N-O0312S	162.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/19/2012	CHPB01136O-O0312S	172.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136P-O0312S	182.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136Q-O0312S	192.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/20/2012	CHPB01136R-O0312S	202.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136S-O0312S	212.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/21/2012	CHPB01136T-O0312S	222.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136U-O0312S	232.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1136	3/22/2012	CHPB01136V-O0312S	241.3	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	S
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/27/2012	CHPB01137A-O0312S	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	S
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137B-O0312S	132.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137C-O0312S	142.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137D-O0312S	152.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	S
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/28/2012	CHPB01137E-O0312S	162.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.9	0.2	1	µg/L	S
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	1.8	0.2	1	µg/L	S
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB11137F-O0312S	172.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137F-O0312S	172.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	S
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137G-O0312S	182.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.4	0.2	1	µg/L	S
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	3/29/2012	CHPB01137H-O0312S	192.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137I-O0312S	202.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/2/2012	CHPB01137J-O0312S	212.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/3/2012	CHPB01137K-O0312S	222.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03DP1137	4/5/2012	CHPB01137M-O0312S	242.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	S
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	S
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	61	0.2	1	µg/L	S
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	59	0.2	1	µg/L	S
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2102	5/16/2012	CHPB02102-S0512S	231.06	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2102	5/16/2012	CHPB12102-S0512S	231.06	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	S
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	S
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	62	0.2	1	µg/L	S
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	58	0.2	1	µg/L	S
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2102	11/27/2012	CHPB02102-B1112S	231.06	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2102	11/27/2012	CHPB12102-B1112S	231.06	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	S
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.9	0.2	1	µg/L	S
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2103	5/16/2012	CHPB02103-S0512S	165	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.8	0.19	1	µg/L	S
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	S
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2103	11/27/2012	CHPB02103-B1112S	165	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	17	0.2	1	µg/L	S
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2104	5/16/2012	CHPB02104-S0512S	171.06	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	16	0.2	1	µg/L	S
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2104	9/18/2012	CHPB02104-01S	171.06	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	35	0.2	1	µg/L	S
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2104	10/9/2012	CHPB02104-02S	171.06	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	37	0.2	1	µg/L	S
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2104	10/17/2012	CHPB02104-03S	171.06	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	41	0.2	1	µg/L	S
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2104	11/27/2012	CHPB02104-B1112S	171.06	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.7	0.19	1	µg/L	S
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	12	0.2	1	µg/L	S
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2105	5/16/2012	CHPB02105-S0512S	142.14	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.5	0.19	1	µg/L	S
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	12	0.2	1	µg/L	S
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2105	12/18/2012	CHPB02105-B1112S	142.14	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	S
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2106	5/16/2012	CHPB02106-S0512S	137.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2106	11/27/2012	CHPB02106-B1112S	137.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.3	0.2	1	µg/L	S
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2107	5/16/2012	CHPB02107-S0512S	136.85	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.7	0.2	1	µg/L	S
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2107	11/27/2012	CHPB02107-B1112S	136.85	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312F	176	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	BRL	0.0003	0.001	MG/L	J
03EW2109	3/21/2012	CHPB02109-S0312F	176	N1	WG	SW6010B	FLDFLT	MANGANESE	BRL	2.8	15	µg/L	J
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	S
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2109	3/21/2012	CHPB02109-S0312S	176	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2109	9/11/2012	CHPB02109-S0912F	176	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	ND	0.0003	0.001	MG/L	U
03EW2109	9/11/2012	CHPB02109-S0912F	176	N1	WG	SW6010B	FLDFLT	MANGANESE	BRL	2.8	15	µg/L	J
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.8	0.2	1	µg/L	S
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2109	9/11/2012	CHPB02109-S0912S	176	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	S
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.3	0.2	1	µg/L	S
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	1/23/2012	CHTG02110-ON3.5S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.2	0.19	1	µg/L	S
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	18	0.2	1	µg/L	S
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	3/21/2012	CHTG02110-ON4.1S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.3	0.19	1	µg/L	S
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.6	0.2	1	µg/L	S
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	4/11/2012	CHTG02110-ON4.2S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	S
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.2	0.2	1	µg/L	S
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	4/13/2012	CHTG02110-ON4.3S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	S
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.3	0.19	1	µg/L	S
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.4	0.2	1	µg/L	S
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2110	4/18/2012	CHTG02110-ON4.4S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.2	0.19	1	µg/L	S
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.1	0.2	1	µg/L	S
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	5/11/2012	CHTG02110-ON4.5S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.8	0.19	1	µg/L	S
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.4	0.2	1	µg/L	S
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	6/6/2012	CHTG02110-ON4.6S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	13	0.2	1	µg/L	S
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	8/20/2012	CHTG02110-ON5.1S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.6	0.19	1	µg/L	S
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.8	0.2	1	µg/L	S
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	8/22/2012	CHTG02110-ON5.2S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	S
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.6	0.2	1	µg/L	S
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	8/27/2012	CHTG02110-ON5.3S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	S
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.9	0.2	1	µg/L	S
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	9/20/2012	CHTG02110-ON5.4S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	S
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.5	0.2	1	µg/L	S
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2110	10/19/2012	CHPB02110-B1112S	187	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.2	0.2	1	µg/L	S
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2111	5/17/2012	CHPB02111-S0512S	182.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.2	0.2	1	µg/L	S
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2111	11/27/2012	CHPB02111-B1112S	182.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	S
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2112	5/17/2012	CHPB02112-S0512S	158	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	S

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2112	12/18/2012	CHPB02112-B1112S	158	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.5	0.2	1	µg/L	S
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2171	5/17/2012	CHPB02171-S0512S	188	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.5	0.2	1	µg/L	S
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2171	11/6/2012	CHPB02171-B1112S	188	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.9	0.2	1	µg/L	S
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2172	5/17/2012	CHPB02172-S0512S	182	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.2	1	µg/L	S
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2172	11/6/2012	CHPB02172-B1112S	182	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	14	0.2	1	µg/L	S
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2173	5/17/2012	CHPB02173-S0512S	181.85	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	14	0.2	1	µg/L	S
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2173	11/6/2012	CHPB02173-B1112S	181.85	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.4	0.2	1	µg/L	S
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2174	5/17/2012	CHPB02174-S0512S	182	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3	0.2	1	µg/L	S
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2174	11/6/2012	CHPB02174-B1112S	182	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.5	0.2	1	µg/L	S
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2175	5/17/2012	CHPB02175-S0512S	195.45	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	S
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2175	11/6/2012	CHPB02175-B1112S	195.45	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.2	1	µg/L	S
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	1/23/2012	CHTG02176-M0112S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.9	0.2	1	µg/L	S
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	2/23/2012	CHTG02176-M0212S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.9	0.2	1	µg/L	S
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	3/21/2012	CHTG02176-M0312S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.2	1	µg/L	S
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	4/18/2012	CHTG02176-M0412S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1	0.2	1	µg/L	S
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	5/17/2012	CHTG02176-M0512S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	6/19/2012	CHTG02176-M0612S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.2	0.2	1	µg/L	S
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	7/18/2012	CHTG02176-M0712S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	9/6/2012	CHPB02176-B0912S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	S
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2176	11/6/2012	CHPB02176-B1112S	215.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.9	0.2	1	µg/L	S
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	1/23/2012	CHTG02177-M0112S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.6	0.2	1	µg/L	S
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	2/23/2012	CHTG02177-M0212S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.8	0.2	1	µg/L	S
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	3/21/2012	CHTG02177-M0312S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.4	0.2	1	µg/L	S
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	4/18/2012	CHTG02177-M0412S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.1	0.2	1	µg/L	S
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	5/17/2012	CHTG02177-M0512S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.2	1	µg/L	S
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	6/19/2012	CHTG02177-M0612S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.6	0.2	1	µg/L	S
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	7/18/2012	CHTG02177-M0712S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.5	0.2	1	µg/L	S
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	9/6/2012	CHPB02177-B0912S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.2	0.2	1	µg/L	S
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03EW2177	11/6/2012	CHPB02177-B1112S	231	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03IG0001	10/25/2012	CHPB00001-B1112S	98	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03IJW001A	3/21/2012	CHPB0001A-S0312F	187.5	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0142	0.0003	0.001	MG/L	
03IJW001A	3/21/2012	CHPB0001A-S0312F	187.5	N1	WG	SW6010B	FLDFLT	MANGANESE	170	2.8	15	µg/L	
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	427	2	10	µg/L	S
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03IJW001A	3/21/2012	CHPB0001A-S0312S	187.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1	0.2	1	µg/L	S
03IJW001A	9/11/2012	CHPB0001A-S0912F	187.5	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0091	0.0003	0.001	MG/L	
03IJW001A	9/11/2012	CHPB0001A-S0912F	187.5	N1	WG	SW6010B	FLDFLT	MANGANESE	3000	2.8	15	µg/L	
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	325	1	5	µg/L	S
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03IJW001A	9/11/2012	CHPB0001A-S0912S	187.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.7	0.2	1	µg/L	S
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MP0091A	11/15/2012	CHPB0091A-B1112S	213.37	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.9	0.2	1	µg/L	S
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MP0091B	11/15/2012	CHPB0091B-B1112S	170.87	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MP0091C	11/15/2012	CHPB0091C-B1112S	136.37	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MP0091D	11/15/2012	CHPB0091D-B1112S	99.87	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MP0091E	11/15/2012	CHPB0091E-B1112S	60.37	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0020	10/10/2012	CHPB00020-B1112DIFS	116.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	S
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0021A	10/10/2012	CHPB0021A-B1112DIFS	137.55	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0022A	10/10/2012	CHPB0022A-B1112DIFS	147.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	CHLOROFORM	2.3	0.2	1	µg/L	S
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0023A	10/10/2012	CHPB0023A-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0024A	10/10/2012	CHPB0024A-B1112DIFS	143.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	46	0.2	1	µg/L	S
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0028A	10/10/2012	CHPB0028A-B1112DIFS	189.35	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0028C	10/10/2012	CHPB0028C-B1112DIFS	156.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.2	0.2	1	µg/L	S
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0029A	10/11/2012	CHPB0029A-B1112DIFS	183.3	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	S
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.2	1	µg/L	S
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0029B	10/11/2012	CHPB0029B-B1112DIFS	146.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0029Z	10/11/2012	CHPB0029Z-B1112DIFS	229.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.5	0.19	1	µg/L	S
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.2	1	µg/L	S
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0030A	10/11/2012	CHPB0030A-B1112DIFS	151.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.7	0.19	1	µg/L	S
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0032	10/11/2012	CHPB00032-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	S
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0033	10/11/2012	CHPB00033-B1112DIFS	160.15	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	13	0.2	1	µg/L	S
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	CHLOROFORM	1.8	0.2	1	µg/L	S
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0034	10/11/2012	CHPB00034-B1112DIFS	157.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.2	0.2	1	µg/L	S
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	BRL	0.2	1	µg/L	JS
03MW0035	10/9/2012	CHPB00035-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0036	10/18/2012	CHPB00036-B1112DIFS	117.31	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	BRL	0.2	1	µg/L	JS
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0040B	10/19/2012	CHPB00040-B1112DIFS	96.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	S
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	S

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0045	10/11/2012	CHPB00045-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0045A	10/11/2012	CHPB0045A-B1112DIFS	183	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0045Z	11/16/2012	CHPB0045Z-B1112DIFS	267.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.1	0.2	1	µg/L	S
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0046	10/11/2012	CHPB00046-B1112DIFS	127.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0048	10/9/2012	CHPB00048-B1112DIFS	107	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	CHLOROFORM	2.2	0.2	1	µg/L	S
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0049	10/16/2012	CHPB00049-B1112DIFS	145	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	S
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	25	0.2	1	µg/L	S
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0052A	11/20/2012	CHPB0052A-B1112DIFS	257.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3	0.2	1	µg/L	S
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	CHLOROFORM	1.9	0.2	1	µg/L	S
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.4	0.2	1	µg/L	S
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0052B	11/20/2012	CHPB0052B-B1112DIFS	197.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	S
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	S
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0053	11/20/2012	CHPB00053-B1112DIFS	137.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0054A	11/29/2012	CHPB0054A-B1112DIFS	128	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0069	10/9/2012	CHPB00069-B1112DIFS	132.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	5	0.2	1	µg/L	S
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0070A	10/18/2012	CHPB0070A-B1112DIFS	189.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0070B	10/18/2012	CHPB0070B-B1112DIFS	102	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0075	10/19/2012	CHPB0075-B1112DIFS	111.78	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	S
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0079	10/11/2012	CHPB0079-B1112DIFS	132	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1	0.2	1	µg/L	S
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0082	10/19/2012	CHPB0082-B1112DIFS	162.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	CHLOROFORM	2.9	0.2	1	µg/L	S
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0083	10/19/2012	CHPB0083-B1112DIFS	121.9	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0086	11/20/2012	CHPB0086-B1112DIFS	116.9	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	77	0.2	1	µg/L	S
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0096	10/16/2012	CHPB096A-B1112DIFS	142.8	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.2	0.2	1	µg/L	S
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0097	10/18/2012	CHPB0097-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.2	0.2	1	µg/L	S
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0100A	10/19/2012	CHPB0100A-B1112DIFS	202.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0101B	10/19/2012	CHPB0101B-B1112DIFS	142.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2	0.2	1	µg/L	S
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0103B	11/27/2012	CHPB0103B-B1112DIFS	187.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	S
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0103C	11/27/2012	CHPB0103C-B1112DIFS	132.8	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.7	0.2	1	µg/L	S
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0104A	11/29/2012	CHPB0104A-B1112DIFS	212.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0104B	11/29/2012	CHPB0104B-B1112DIFS	102	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0106B	10/18/2012	CHPB0106B-B1112DIFS	112.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.3	0.19	1	µg/L	S
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.6	0.2	1	µg/L	S
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0107B	10/10/2012	CHPB0107B-B1112DIFS	152.6	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0109A	10/12/2012	CHPB0109A-B1112S	212.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	32	0.19	1	µg/L	S
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	32	0.19	1	µg/L	S
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	20	0.2	1	µg/L	S
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	20	0.2	1	µg/L	S
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0109B	10/12/2012	CHPB1109B-B1112S	154.5	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW0109B	10/12/2012	CHPB0109B-B1112S	154.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0110A	10/16/2012	CHPB0110A-B1112DIFS	254.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	63	0.19	1	µg/L	S
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	192	1	5	µg/L	S
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0110B	10/16/2012	CHPB0110B-B1112DIFS	174.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	CHLOROFORM	2.2	0.2	1	µg/L	S
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0111B	10/16/2012	CHPB0111B-B1112DIFS	136.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0112A	11/16/2012	CHPB0112A-B1112DIFS	210.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	S
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	6.4	0.2	1	µg/L	S
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0112B	11/16/2012	CHPB0112B-B1112DIFS	174.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	17	0.2	1	µg/L	S
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0114A	11/20/2012	CHPB0114A-B1112DIFS	221.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CHLOROFORM	3.1	0.2	1	µg/L	S
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	S
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	S
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0116B	10/16/2012	CHPB0116B-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.5	0.19	1	µg/L	S
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	27	0.2	1	µg/L	S
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0117A	11/20/2012	CHPB0117A-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	6.7	0.19	1	µg/L	S
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	15	0.2	1	µg/L	S
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0117B	11/20/2012	CHPB0117B-B1112DIFS	152	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0118B	11/16/2012	CHPB0118B-B1112DIFS	148.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0209C	11/29/2012	CHPB0209C-B1112DIFS	141.35	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	36	0.2	1	µg/L	S
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	48	0.2	1	µg/L	S
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0209E	11/29/2012	CHPB1209E-B1112DIFS	185.35	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	4	0.2	1	µg/L	S
03MW0209E	11/29/2012	CHPB0209E-B1112DIFS	185.35	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	4.9	0.2	1	µg/L	S
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.3	0.2	1	µg/L	S
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0209F	11/29/2012	CHPB0209F-B1112DIFS	206.9	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	S
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0210D	11/29/2012	CHPB0210D-B1112DIFS	167.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.6	0.2	1	µg/L	S
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0214F	11/29/2012	CHPB0214F-B1112DIFS	206.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	15	0.2	1	µg/L	S
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0214G	11/29/2012	CHPB0214G-B1112DIFS	227.3	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	4.8	0.2	1	µg/L	S
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.4	0.2	1	µg/L	S
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0220E	11/29/2012	CHPB0220E-B1112DIFS	186.2	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.2	1	µg/L	S

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0224C	11/29/2012	CHPB0224C-B1112DIFS	168.2	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.6	0.19	1	µg/L	S
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	30	0.2	1	µg/L	S
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW0224E	11/29/2012	CHPB0224E-B1112DIFS	213	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3.3	0.2	1	µg/L	S
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	S
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1001A	10/22/2012	CHPB05000-B1112DIFS	322.43	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1001B	10/22/2012	CHPB05001-B1112DIFS	271.29	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1002A	10/22/2012	CHPB05002-B1112DIFS	317.11	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1002B	10/22/2012	CHPB05003-B1112DIFS	262.61	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1003A	10/22/2012	CHPB05004-B1112DIFS	322.05	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1003B	10/22/2012	CHPB05005-B1112DIFS	242.15	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1004A	10/25/2012	CHPB05006-B1112DIFS	332.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1004B	10/25/2012	CHPB05007-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	163	1	5	µg/L	S
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	163	1	5	µg/L	S
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1005A	11/2/2012	CHPB15008-B1112DIFS	145.71	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.8	0.2	1	µg/L	S
03MW1005A	11/2/2012	CHPB05008-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.8	0.2	1	µg/L	S
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.3	0.19	1	µg/L	S
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	508	2	10	µg/L	S
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1005B	11/2/2012	CHPB05009-B1112DIFS	108.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	5	0.2	1	µg/L	S
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	S
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	187	1	5	µg/L	S
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1006A	11/2/2012	CHPB05010-B1112DIFS	107	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.3	0.2	1	µg/L	S
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.5	0.2	1	µg/L	S
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1006B	11/2/2012	CHPB05011-B1112DIFS	87.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.6	0.19	1	µg/L	S
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.2	0.2	1	µg/L	S
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1008A	11/2/2012	CHPB05012-B1112DIFS	241.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.4	0.19	1	µg/L	S
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	35	0.2	1	µg/L	S
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1008B	11/2/2012	CHPB05013-B1112DIFS	207.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	9.5	0.2	1	µg/L	S
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.6	0.19	1	µg/L	S
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	S
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1009A	10/31/2012	CHPB05014-B1112DIFS	272.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.1	0.2	1	µg/L	S
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1009B	10/31/2012	CHPB05015-B1112DIFS	232.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.7	0.2	1	µg/L	S
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1011A	10/25/2012	CHPB05016-B1112DIFS	292.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1011B	10/25/2012	CHPB05017-B1112DIFS	252.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	BRL	0.19	1	µg/L	JS
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	15	0.19	1	µg/L	S
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	36	0.2	1	µg/L	S
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1014A	10/31/2012	CHPB05022-B1112DIFS	292.35	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	8.8	0.2	1	µg/L	S
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.9	0.2	1	µg/L	S
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1015A	10/31/2012	CHPB05023-B1112DIFS	253.01	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.2	0.2	1	µg/L	S
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	51	0.2	1	µg/L	S
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1018A	10/12/2012	CHPB0018A-B1112S	252.53	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	23	0.2	1	µg/L	S
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	22	0.2	1	µg/L	S
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB0018B-B1112DIFS	162.08	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1018B	10/12/2012	CHPB1018B-B1112DIFS	162.08	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1019A	11/20/2012	CHPB05026-B1112DIFS	252.64	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1019B	11/20/2012	CHPB05027-B1112DIFS	182.66	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	56	0.2	1	µg/L	S
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1020A	12/26/2012	CHPB05028-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	55	0.2	1	µg/L	S
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1020B	12/26/2012	CHPB05029-B1112DIFS	162.64	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.6	0.19	1	µg/L	S
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	98	0.5	2.5	µg/L	S
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1024A	11/16/2012	CHPB05034-B1112DIFS	247.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1024C	3/20/2012	CHPB0024C-S0312F	202.65	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0148	0.0003	0.001	MG/L	
03MW1024C	3/20/2012	CHPB0024C-S0312F	202.65	N1	WG	SW6010B	FLDFLT	MANGANESE	BRL	2.8	15	µg/L	J
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	300	1	5	µg/L	S
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1024C	3/20/2012	CHPB0024C-S0312S	202.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1024C	9/11/2012	CHPB0024C-S0912F	202.65	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0074	0.0003	0.001	MG/L	
03MW1024C	9/11/2012	CHPB0024C-S0912F	202.65	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	282	1	5	µg/L	S
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1024C	9/11/2012	CHPB0024C-S0912S	202.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1024D	3/20/2012	CHPB0024D-S0312F	192.65	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0372	0.0012	0.004	MG/L	
03MW1024D	3/20/2012	CHPB0024D-S0312F	192.65	N1	WG	SW6010B	FLDFLT	MANGANESE	BRL	2.8	15	µg/L	J
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	240	1	5	µg/L	S
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1024D	3/20/2012	CHPB0024D-S0312S	192.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1024D	9/11/2012	CHPB0024D-S0912F	192.65	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0396	0.003	0.01	MG/L	
03MW1024D	9/11/2012	CHPB0024D-S0912F	192.65	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.1	0.19	1	µg/L	S
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	234	1	5	µg/L	S
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1024D	9/11/2012	CHPB0024D-S0912S	192.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1	0.19	1	µg/L	S
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	50	0.2	1	µg/L	S
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1024E	11/16/2012	CHPB05036-B1112DIFS	182.51	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1024G	11/16/2012	CHPB05037-B1112DIFS	154.62	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1028A	10/16/2012	CHPB05039-B1112DIFS	232.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	CHLOROFORM	1.7	0.2	1	µg/L	S
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.8	0.2	1	µg/L	S
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1028B	10/16/2012	CHPB05040-B1112DIFS	142.65	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1030A	1/10/2012	CHPB0130A-A1110S	257.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.2	0.2	1	µg/L	S
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1030B	1/10/2012	CHPB0130B-A1110S	187.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1036A	3/21/2012	CHPB0036A-S0312F	174.76	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0959	0.0012	0.004	MG/L	
03MW1036A	3/21/2012	CHPB0036A-S0312F	174.76	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	16	0.2	1	µg/L	S
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1036A	3/21/2012	CHPB0036A-S0312S	174.76	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1036A	9/11/2012	CHPB0036A-S0912F	174.76	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	0.0842	0.006	0.02	MG/L	
03MW1036A	9/11/2012	CHPB0036A-S0912F	174.76	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	16	0.2	1	µg/L	S
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1036A	9/11/2012	CHPB0036A-S0912S	174.76	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.8	0.19	1	µg/L	S
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	15	0.2	1	µg/L	S
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1039A	1/9/2012	CHPB0139A-A1110S	177.82	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	8.3	0.19	1	µg/L	S
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	32	0.2	1	µg/L	S
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1039B	1/9/2012	CHPB0139B-A1110S	157.83	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.7	0.2	1	µg/L	S
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1050A	1/11/2012	CHPB0150A-A1110S	168.18	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	15	0.2	1	µg/L	S
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	S
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1050B	1/11/2012	CHPB0150B-A1110S	148.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	3	0.2	1	µg/L	S
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1058A	11/5/2012	CHPB05048-B1112DIFS	210.91	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1058B	11/5/2012	CHPB05049-B1112DIFS	178.8	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1059A	11/5/2012	CHPB05051-B1112DIFS	207.3	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1059B	11/5/2012	CHPB05052-B1112DIFS	167.35	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1.6	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090A-O0612S	142.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	S
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.1	0.19	1	µg/L	S
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	57	0.2	1	µg/L	S
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090B-O0612S	152.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	6	0.2	1	µg/L	S
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	16	0.19	1	µg/L	S
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	16	0.19	1	µg/L	S
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	356	2	10	µg/L	S
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	366	2	10	µg/L	S
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	BRL	0.2	1	µg/L	JS
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/5/2012	CHPB01090C-O0612S	162.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	21	0.2	1	µg/L	S
03MW1090A	6/5/2012	CHPB11090C-O0612S	162.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	21	0.2	1	µg/L	S
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.5	0.2	1	µg/L	S
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090D-O0612S	172.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090E-O0612S	182.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090F-O0612S	192.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/6/2012	CHPB01090G-O0612S	202.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090H-O0612S	212.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/7/2012	CHPB01090J-O0612S	240.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090L-O0612S	262.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW1090A	6/8/2012	CHPB01090M-O0612S	272.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	CHLOROFORM	2.6	0.2	1	µg/L	S
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2105A	10/9/2012	CHPB05054-B1112DIFS	230	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.1	0.19	1	µg/L	S
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	154	1	5	µg/L	S

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2106A	10/18/2012	CHPB05055-B1112DIFS	230.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2108A	10/16/2012	CHPB05056-B1112DIFS	165	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.8	0.2	1	µg/L	S
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2110A	12/26/2012	CHPB05057-B1112DIFS	165	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	13	0.19	1	µg/L	S
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	12	0.19	1	µg/L	S
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.4	0.2	1	µg/L	S
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.9	0.2	1	µg/L	S
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2111B	10/11/2012	CHPB05058-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW2111B	10/11/2012	CHPB15058-B1112DIFS	162.5	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW2116A	1/24/2012	CHPB02116-O0112	172.5	N1	WG	A4500F	METHOD	SULFIDE, TOTAL	ND	1	2	MG/L	U
03MW2116A	1/24/2012	CHPB02116-O0112	172.5	N1	WG	E300	NONE	SULFATE (AS SO4)	2.2	0.22	1	MG/L	
03MW2116A	1/24/2012	CHPB02116-O0112F	172.5	N2	WG	SW6010B	FLDFLT	IRON	BRL	8.1	100	µg/L	J
03MW2116A	1/24/2012	CHPB02116-O0112F	172.5	N2	WG	SW6010B	FLDFLT	MANGANESE	ND	5.3	15	µg/L	UJ
03MW2116A	1/24/2012	CHPB02116-O0112	172.5	N1	WG	M2720C	METHOD	ETHANE	BRL	0.31	1	µg/L	J
03MW2116A	1/24/2012	CHPB02116-O0112	172.5	N1	WG	M2720C	METHOD	ETHENE	BRL	0.28	1	µg/L	J
03MW2116A	1/24/2012	CHPB02116-O0112	172.5	N1	WG	M2720C	METHOD	METHANE	ND	0.3	1	µg/L	U
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	35	0.19	1	µg/L	S
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	586	2	10	µg/L	S
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	BRL	0.2	1	µg/L	JS
03MW2116A	1/24/2012	CHPB02116-O0112S	172.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	54	0.2	1	µg/L	S
03MW2116A	1/24/2012	CHPB02116-O0112	172.5	N1	WG	E300	NONE	NITROGEN, NITRATE (AS N)	0.1	0.015	0.1	MG/L	
03MW2116A	1/24/2012	CHPB02116-O0112	172.5	N1	WG	E300	NONE	NITROGEN, NITRITE	ND	0.027	0.1	MG/L	U
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2117A	10/11/2012	CHPB05059-B1112DIFS	227.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	6.5	0.2	1	µg/L	S
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2117B	10/11/2012	CHPB05060-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2118A	11/16/2012	CHPB05061-B1112DIFS	162.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2119A	10/11/2012	CHPB05062-B1112DIFS	226.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	61	0.2	1	µg/L	S
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2119B	10/11/2012	CHPB05063-B1112DIFS	177.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2120A	11/20/2012	CHPB05064-B1112DIFS	157.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	S
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	22	0.2	1	µg/L	S
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2121A	10/16/2012	CHPB05065-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.1	0.2	1	µg/L	S
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2122A	10/10/2012	CHPB05066-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1	0.2	1	µg/L	S
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2124A	10/9/2012	CHPB05067-B1112DIFS	202.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2141A	11/20/2012	CHPB05068-B1112DIFS	112.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2145A	3/20/2012	CHPB0145A-S0312F	156	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	BRL	0.0003	0.001	MG/L	J

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2145A	3/20/2012	CHPB0145A-S0312F	156	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2145A	3/20/2012	CHPB0145A-S0312S	156	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2145A	9/11/2012	CHPB0145A-S0912F	156	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	ND	0.0003	0.001	MG/L	U
03MW2145A	9/11/2012	CHPB0145A-S0912F	156	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2145A	9/11/2012	CHPB0145A-S0912S	156	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.8	0.2	1	µg/L	S
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2148A	10/16/2012	CHPB05070-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.7	0.2	1	µg/L	S
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2149A	10/16/2012	CHPB05071-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	BRL	0.2	1	µg/L	JS
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	BRL	0.2	1	µg/L	JS
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	101	0.5	2.5	µg/L	S
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	111	0.5	2.5	µg/L	S
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2150A	10/9/2012	CHPB15072-B1112DIFS	192.5	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2150A	10/9/2012	CHPB05072-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2152A	10/11/2012	CHPB05073-B1112DIFS	122.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	S
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	13	0.2	1	µg/L	S
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2153A	10/16/2012	CHPB05074-B1112DIFS	152.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2160A	12/26/2012	CHPB05075-B1112DIFS	130.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2402A	11/29/2012	CHPB05076-B1112DIFS	149.25	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.2	1	µg/L	S
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2403A	12/26/2012	CHPB05077-B1112DIFS	115.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2408A	11/20/2012	CHPB05080-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.7	0.2	1	µg/L	S
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2408B	11/20/2012	CHPB05081-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2409A	11/20/2012	CHPB05082-B1112DIFS	184	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.6	0.19	1	µg/L	S
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	19	0.2	1	µg/L	S
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2412A	6/1/2012	CHPB02412A-S0512DIFS	223.28	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.6	0.2	1	µg/L	S
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.2	0.2	1	µg/L	S
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2412A	6/20/2012	CHPB02412A-R0512S	223.28	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1.2	0.2	1	µg/L	S

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	12	0.2	1	µg/L	S
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2412A	11/27/2012	CHPB0412A-B1112DIFS	223.28	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2	0.2	1	µg/L	S
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2412B	6/1/2012	CHPB02412B-S0512DIFS	182.68	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	S
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2412B	6/20/2012	CHPB02412B-R0512S	182.68	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2412B	11/27/2012	CHPB0412B-B1112DIFS	182.68	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2413A	11/27/2012	CHPB05083-B1112DIFS	222.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2413B	11/27/2012	CHPB05084-B1112DIFS	172.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2414A	12/26/2012	CHPB05085-B1112DIFS	223.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2414B	12/26/2012	CHPB05086-B1112DIFS	182.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	4.1	0.2	1	µg/L	S
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2602A	10/9/2012	CHPB05087-B1112DIFS	137.24	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2607A	10/19/2012	CHPB05089-B1112DIFS	203.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2608A	10/10/2012	CHPB05090-B1112DIFS	162.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2609A	3/22/2012	CHPB0609A-S0312F	192.5	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	BRL	0.0003	0.001	MG/L	J
03MW2609A	3/22/2012	CHPB0609A-S0312F	192.5	N1	WG	SW6010B	FLDFLT	MANGANESE	BRL	2.8	15	µg/L	J
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	17	0.2	1	µg/L	S
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2609A	3/22/2012	CHPB0609A-S0312S	192.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW2609A	9/11/2012	CHPB0609A-S0912F	192.5	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	BRL	0.0003	0.001	MG/L	J
03MW2609A	9/11/2012	CHPB0609A-S0912F	192.5	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	16	0.2	1	µg/L	S
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2609A	9/11/2012	CHPB0609A-S0912S	192.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.7	0.2	1	µg/L	S
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2609A	11/20/2012	CHPB05091-B1112DIFS	192.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2610A	3/22/2012	CHPB0610A-S0312F	191.93	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	BRL	0.0003	0.001	MG/L	J
03MW2610A	3/22/2012	CHPB0610A-S0312F	191.93	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	25	0.2	1	µg/L	S
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2610A	3/22/2012	CHPB0610A-S0312S	191.93	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2610A	9/11/2012	CHPB0610A-S0912F	191.93	N1	WG	SW7196	FLDFLT	CHROMIUM, HEXAVALENT	BRL	0.0003	0.001	MG/L	J
03MW2610A	9/11/2012	CHPB0610A-S0912F	191.93	N1	WG	SW6010B	FLDFLT	MANGANESE	ND	2.8	15	µg/L	U
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	40	0.2	1	µg/L	S
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2610A	9/11/2012	CHPB0610A-S0912S	191.93	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	70	0.2	1	µg/L	S
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2610A	11/20/2012	CHPB0010A-B1112DIFS	191.93	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2613B	10/19/2012	CHPB05094-B1112DIFS	139.26	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.4	0.2	1	µg/L	S
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2617A	10/31/2012	CHPB05095-B1112DIFS	217.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2617B	10/31/2012	CHPB05096-B1112DIFS	102.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2618A	10/31/2012	CHPB05097-B1112DIFS	247.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.1	0.2	1	µg/L	S
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2618B	10/31/2012	CHPB05098-B1112DIFS	151	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	4.3	0.2	1	µg/L	S
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.4	0.19	1	µg/L	S
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	6.8	0.2	1	µg/L	S
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2620A	10/31/2012	CHPB05099-B1112DIFS	251.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	2.7	0.2	1	µg/L	S
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2620B	10/31/2012	CHPB05100-B1112DIFS	142.2	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2621A	10/31/2012	CHPB05101-B1112DIFS	261.71	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2621B	10/31/2012	CHPB05102-B1112DIFS	187.61	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.4	0.2	1	µg/L	S
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2622A	10/31/2012	CHPB05103-B1112DIFS	300.95	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2624A	10/25/2012	CHPB05104-B1112DIFS	322.75	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2624B	10/25/2012	CHPB05105-B1112DIFS	247.75	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2626A	10/22/2012	CHPB05108-B1112DIFS	291.81	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2626B	10/22/2012	CHPB05109-B1112DIFS	171.24	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2629A	11/20/2012	CHPB05111-B1112DIFS	126.21	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	14	0.2	1	µg/L	S
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03MW2631A	11/20/2012	CHPB0631A-B1112DIFS	156.28	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.9	0.2	1	µg/L	
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	1/30/2012	CHTG01001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.8	0.2	1	µg/L	
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	2/29/2012	CHTG01001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	4/3/2012	CHTG01001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.9	0.19	1	µg/L	
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.7	0.2	1	µg/L	
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	4/26/2012	CHTG01001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.8	0.19	1	µg/L	
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.8	0.2	1	µg/L	
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	5/29/2012	CHTG01001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	BRL	0.17	1	µg/L	J
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.9	0.19	1	µg/L	
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.8	0.2	1	µg/L	
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	6/26/2012	CHTG01001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.9	0.2	1	µg/L	
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	8/28/2012	CHTG01001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.8	0.2	1	µg/L	
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	9/27/2012	CHTG01001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.4	0.2	1	µg/L	
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	11/28/2012	CHTG01001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	BRL	0.17	1	µg/L	J
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.9	0.19	1	µg/L	
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.4	0.2	1	µg/L	
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01001	12/26/2012	CHTG01001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.2	0.2	1	µg/L	
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01002	2/29/2012	CHTG01002-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01002	8/28/2012	CHTG01002-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.2	0.2	1	µg/L	
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01002	9/27/2012	CHTG01002-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	1/30/2012	CHTG01003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	2/29/2012	CHTG01003-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	4/3/2012	CHTG01003-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

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Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	4/26/2012	CHTG01003-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	5/29/2012	CHTG01003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	6/26/2012	CHTG01003-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	8/28/2012	CHTG01003-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	9/27/2012	CHTG01003-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

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Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	11/28/2012	CHTG01003-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01003	12/26/2012	CHTG01003-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2	0.2	1	µg/L	
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	1/30/2012	CHTG01004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	4/3/2012	CHTG01004-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	4/26/2012	CHTG01004-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	5/29/2012	CHTG01004-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	6/26/2012	CHTG01004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	11/28/2012	CHTG01004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT01004	12/26/2012	CHTG01004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	45	0.2	1	µg/L	
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	1/30/2012	CHTG02001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	46	0.2	1	µg/L	
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	2/29/2012	CHTG02001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	45	0.2	1	µg/L	
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	4/3/2012	CHTG02001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	35	0.2	1	µg/L	
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	4/26/2012	CHTG02001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	34	0.2	1	µg/L	
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	5/29/2012	CHTG02001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	48	0.2	1	µg/L	
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	6/26/2012	CHTG02001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	49	0.2	1	µg/L	
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	7/18/2012	CHTG02001-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	32	0.2	1	µg/L	
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	8/28/2012	CHTG02001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	44	0.2	1	µg/L	
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	9/27/2012	CHTG02001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	51	0.2	1	µg/L	
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	10/25/2012	CHTG02001-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	56	0.2	1	µg/L	
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02001	11/28/2012	CHTG02001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	55	0.2	1	µg/L	
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02001	12/26/2012	CHTG02001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	4/3/2012	CHTG02002-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	4/26/2012	CHTG02002-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.2	1	µg/L	

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	5/29/2012	CHTG02002-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	9/27/2012	CHTG02002-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.1	0.2	1	µg/L	
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02002	10/25/2012	CHTG02002-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	1/30/2012	CHTG02003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

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Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	2/29/2012	CHTG02003-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	4/3/2012	CHTG02003-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	4/26/2012	CHTG02003-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	5/29/2012	CHTG02003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	6/26/2012	CHTG02003-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	7/18/2012	CHTG02003-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	8/28/2012	CHTG02003-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	9/27/2012	CHTG02003-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	10/25/2012	CHTG02003-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	11/28/2012	CHTG02003-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02003	12/26/2012	CHTG02003-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	1/30/2012	CHTG02004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	2/29/2012	CHTG02004-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	6/26/2012	CHTG02004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	7/18/2012	CHTG02004-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3	0.2	1	µg/L	
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	8/28/2012	CHTG02004-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	11/28/2012	CHTG02004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT02004	12/26/2012	CHTG02004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	1/30/2012	CHTG03001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.9	0.2	1	µg/L	
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	2/29/2012	CHTG03001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	4/3/2012	CHTG03001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.6	0.2	1	µg/L	
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	4/26/2012	CHTG03001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

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Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.9	0.19	1	µg/L	
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.8	0.2	1	µg/L	
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	5/29/2012	CHTG03001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.8	0.2	1	µg/L	
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	6/26/2012	CHTG03001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	10	0.2	1	µg/L	
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	7/18/2012	CHTG03001-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.2	0.2	1	µg/L	
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	8/28/2012	CHTG03001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.1	0.19	1	µg/L	
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.1	0.2	1	µg/L	
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	9/27/2012	CHTG03001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.2	0.2	1	µg/L	
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	10/25/2012	CHTG03001-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.6	0.2	1	µg/L	
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	11/28/2012	CHTG03001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	9.6	0.2	1	µg/L	
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03001	12/26/2012	CHTG03001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	2/29/2012	CHTG03002-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	4/3/2012	CHTG03002-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	4/26/2012	CHTG03002-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	9/27/2012	CHTG03002-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	10/25/2012	CHTG03002-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

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Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	11/28/2012	CHTG03002-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3	0.2	1	µg/L	
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03002	12/26/2012	CHTG03002-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.7	0.2	1	µg/L	
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	1/30/2012	CHTG03003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	5/29/2012	CHTG03003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	6/26/2012	CHTG03003-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	7/18/2012	CHTG03003-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.2	0.2	1	µg/L	
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03003	8/28/2012	CHTG03003-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	1/30/2012	CHTG03004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	2/29/2012	CHTG03004-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	4/3/2012	CHTG03004-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	4/26/2012	CHTG03004-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	5/29/2012	CHTG03004-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	6/26/2012	CHTG03004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	7/18/2012	CHTG03004-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	8/28/2012	CHTG03004-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	9/27/2012	CHTG03004-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	10/25/2012	CHTG03004-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	11/28/2012	CHTG03004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT03004	12/26/2012	CHTG03004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	32	0.2	1	µg/L	
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	1/30/2012	CHTG04001-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	30	0.2	1	µg/L	
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	2/29/2012	CHTG04001-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	30	0.2	1	µg/L	
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	4/3/2012	CHTG04001-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	32	0.2	1	µg/L	
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	4/26/2012	CHTG04001-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	30	0.2	1	µg/L	
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	5/29/2012	CHTG04001-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	30	0.2	1	µg/L	
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	6/26/2012	CHTG04001-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	34	0.2	1	µg/L	
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	7/18/2012	CHTG04001-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U

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Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.6	0.19	1	µg/L	
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	30	0.2	1	µg/L	
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	8/28/2012	CHTG04001-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	19	0.2	1	µg/L	
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	9/27/2012	CHTG04001-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.3	0.19	1	µg/L	
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	27	0.2	1	µg/L	
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	10/25/2012	CHTG04001-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	29	0.2	1	µg/L	
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	11/28/2012	CHTG04001-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.19	1	µg/L	
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	27	0.2	1	µg/L	
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04001	12/26/2012	CHTG04001-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.6	0.2	1	µg/L	
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	2/29/2012	CHTG04002-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	6/26/2012	CHTG04002-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	7/18/2012	CHTG04002-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.8	0.2	1	µg/L	
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	8/28/2012	CHTG04002-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	11/28/2012	CHTG04002-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04002	12/26/2012	CHTG04002-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.2	0.2	1	µg/L	
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.1	0.2	1	µg/L	
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	1/30/2012	CHTG04003-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	4/3/2012	CHTG04003-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	4/26/2012	CHTG04003-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.1	0.2	1	µg/L	
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	5/29/2012	CHTG04003-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	9/27/2012	CHTG04003-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.5	0.2	1	µg/L	
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04003	10/25/2012	CHTG04003-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	1/30/2012	CHTG04004-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	2/29/2012	CHTG04004-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	4/3/2012	CHTG04004-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	4/26/2012	CHTG04004-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	5/29/2012	CHTG04004-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	6/26/2012	CHTG04004-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	7/18/2012	CHTG04004-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	8/28/2012	CHTG04004-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	9/27/2012	CHTG04004-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	10/25/2012	CHTG04004-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	11/28/2012	CHTG04004-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03PLT04004	12/26/2012	CHTG04004-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03SWJP01	4/11/2012	CHPV0JP01-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	BENZENE	BRL	0.2	1	µg/L	J
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	BRL	0.2	1	µg/L	J
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	1.3	0.4	1	µg/L	
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	BRL	0.2	1	µg/L	J
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	TOLUENE	1.4	0.2	1	µg/L	
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP01	7/5/2012	CHPV0JP01-A0712	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP02	4/11/2012	CHPV0JP02-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	BENZENE	BRL	0.2	1	µg/L	J
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	BRL	0.2	1	µg/L	J
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	1.3	0.4	1	µg/L	
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	BRL	0.2	1	µg/L	J
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	TOLUENE	1.4	0.2	1	µg/L	
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP02	7/5/2012	CHPV0JP02-A0712	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP03	4/11/2012	CHPV0JP03-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	BENZENE	BRL	0.2	1	µg/L	J
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	BRL	0.2	1	µg/L	J
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	2.1	0.4	1	µg/L	
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	BRL	0.2	1	µg/L	J
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	TOLUENE	2.4	0.2	1	µg/L	
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
03SWJP03	7/5/2012	CHPV0JP03-A0712	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US

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Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.3	0.19	1	µg/L	S
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03UW0025B	10/10/2012	CHPB05113-B1112DIFS	96.96	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
03UW0027-098	10/10/2012	CHPB05114-B1112DIFS	98	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01016	5/29/2012	CHTA01016-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01016	6/26/2012	CHTA01016-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01016	7/18/2012	CHTA01016-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.9	0.2	1	µg/L	
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01016	8/28/2012	CHTA01016-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01017	1/30/2012	CHTA01017-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01017	2/27/2012	CHTA01017-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.2	1	µg/L	
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01017	3/27/2012	CHTA01017-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01017	11/28/2012	CHTA01017-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01017	12/26/2012	CHTA01017-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01025	9/27/2012	CHTA01025-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01025	10/25/2012	CHTA01025-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01025	11/28/2012	CHTA01025-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01025	12/26/2012	CHTA01025-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01026	4/26/2012	CHTA01026-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01026	5/29/2012	CHTA01026-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01026	6/26/2012	CHTA01026-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01026	7/18/2012	CHTA01026-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	1/30/2012	CHTA01035-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	2/27/2012	CHTA01035-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	3/27/2012	CHTA01035-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	4/26/2012	CHTA01035-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	5/29/2012	CHTA01035-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	6/26/2012	CHTA01035-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	7/18/2012	CHTA01035-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	8/28/2012	CHTA01035-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	9/27/2012	CHTA01035-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	10/25/2012	CHTA01035-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	11/28/2012	CHTA01035-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01035	12/26/2012	CHTA01035-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01044	1/30/2012	CHTA01044-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01044	2/27/2012	CHTA01044-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01044	3/27/2012	CHTA01044-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01044	4/26/2012	CHTA01044-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01044	12/26/2012	CHTA01044-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01045	7/18/2012	CHTA01045-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01045	8/28/2012	CHTA01045-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01045	9/27/2012	CHTA01045-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.2	1	µg/L	
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01045	10/25/2012	CHTA01045-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01046	1/30/2012	CHTA01046-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01046	2/27/2012	CHTA01046-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.9	0.2	1	µg/L	
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01046	3/27/2012	CHTA01046-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01046	8/28/2012	CHTA01046-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01046	9/27/2012	CHTA01046-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01046	10/25/2012	CHTA01046-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01046	11/28/2012	CHTA01046-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01047	4/26/2012	CHTA01047-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1	0.2	1	µg/L	
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01047	5/29/2012	CHTA01047-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.6	0.2	1	µg/L	
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01047	6/26/2012	CHTA01047-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

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Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5	0.2	1	µg/L	
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	1/30/2012	CHTA01048-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.3	0.2	1	µg/L	
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	2/27/2012	CHTA01048-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.4	0.2	1	µg/L	
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	3/27/2012	CHTA01048-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.2	0.2	1	µg/L	
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	4/26/2012	CHTA01048-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.1	0.2	1	µg/L	
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	5/29/2012	CHTA01048-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5	0.2	1	µg/L	
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	6/26/2012	CHTA01048-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.6	0.2	1	µg/L	
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	7/18/2012	CHTA01048-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.9	0.2	1	µg/L	
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	8/28/2012	CHTA01048-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.1	0.2	1	µg/L	
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	9/27/2012	CHTA01048-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.7	0.2	1	µg/L	
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	10/25/2012	CHTA01048-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.1	0.2	1	µg/L	
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01048	11/28/2012	CHTA01048-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.9	0.2	1	µg/L	
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01048	12/26/2012	CHTA01048-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

Attachment D
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	51	0.2	1	µg/L	
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	1/30/2012	CHTA01050-M0212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	50	0.2	1	µg/L	
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	2/27/2012	CHTA01050-M0312	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	58	0.2	1	µg/L	

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	3/27/2012	CHTA01050-M0412	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	56	0.2	1	µg/L	
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	4/26/2012	CHTA01050-M0512	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	57	0.2	1	µg/L	
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	5/29/2012	CHTA01050-M0612	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	53	0.2	1	µg/L	
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	6/26/2012	CHTA01050-M0712	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	62	0.2	1	µg/L	
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	7/18/2012	CHTA01050-M0812	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	52	0.2	1	µg/L	
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	8/28/2012	CHTA01050-M0912	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	57	0.2	1	µg/L	
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	9/27/2012	CHTA01050-M1012	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	57	0.2	1	µg/L	
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	10/25/2012	CHTA01050-M1112	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U

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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	62	0.2	1	µg/L	
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	11/28/2012	CHTA01050-M1212	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	52	0.2	1	µg/L	
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
28PLT01050	12/26/2012	CHTA01050-M0113	NA	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	S
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.8	0.2	1	µg/L	S
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
38MW0061	12/26/2012	CHPB05121-B1112DIFS	145.9	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	S
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
38MW0062	12/26/2012	CHPB05122-B1112DIFS	145.71	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	S
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	13	0.2	1	µg/L	S
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
38MW0063	12/26/2012	CHPB00063-B1112DIFS	147	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
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Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP01	4/11/2012	CHPV0AP01-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP02	4/11/2012	CHPV0AP02-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
95SWAP03	4/11/2012	CHPV0AP03-A0412	NA	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US

Attachment D
Analytical Laboratory Results, January - December 2012
Chemical Spill-10 2012 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
USFW347116	12/26/2012	CHPB05129-B1112DIFS	115	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	16	0.2	1	µg/L	S
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
USFW347131	12/26/2012	CHPB05130-B1112DIFS	130	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.2	0.2	1	µg/L	S
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
USFW347145	12/26/2012	CHPB05131-B1112DIFS	144	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
USFW572146	12/26/2012	CHPB05134-B1112DIFS	144.59	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

Data Source: AFCEC, February 2013, MMR-AFCEC Data Warehouse

Key:

BRL = below reporting limit
DL = detection limit
FD1 = field duplicate
J = estimated
JS = estimated screening data
MS = matrix spike
N1 = native sample
NA = not applicable
ND = not detected
RL = reporting limit
S = screening level data
U = undetected
US = undetected screening data
WA = borehole water
WG = groundwater
WS = surface water
WW = wastewater
µg/L = micrograms per liter

Attachment E

CS-10 2012 Project Notes

CS-10 2010/2011 Biennial SPEIM/LTM Data Presentation (October 2010 through April 2011)
420005-SPEIM-CS10-PRJNOT-001

CS-10 2011 Southern Trench Area Optimization
420005-SPEIM-CS10-PRJNOT-002

CS-10 2011 Annual SPEIM/LTM Data Presentation (July 2011 through January 2012)
420005-SPEIM-CS10-PRJNOT-004

Validation of Results from Permanganate Pretreatment Tests at the Sandwich Road Treatment Facility
420005-EES-SRTF-PRJNOT-001

Performance and Sustainability Review of Coconut Shell-Based Granular Activated Carbon at the Massachusetts Military Reservation
420005-EES-MULTIPLE-PRJNOT-005

CS-10 In Plume 03EW2104 Modifications

CH2MHILL	PROJECT NOTE	TASK ORDER 0300
		PROJECT NO. 420005
AFCEE **SPEIM/LTM/O&M** **Otis ANG Base, Massachusetts** **AFCEE FA8903-08-D-8769-0300**	**DOCUMENT CONTROL NUMBER:** **420005-SPEIM-CS10-PRJNOT-001** **CDRL B008**	PAGE 1 OF 7

Confirmation Of:	Date Held: 29 September 2011
☒ Meeting	Location: IRP Conference Room
☐ Change Notice	Date Issued: 31January 2012
☐ General Project Note	Recorded By: Mary O'Reilly
Subject: **CS-10 2010/2011 BIENNIAL SPEIM/LTM DATA PRESENTATION (OCTOBER 2010 THROUGH APRIL 2011)**	Issued By: Nigel Tindall CH2M HILL TECHNICAL SERVICES GROUP MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** This project note summarizes the Chemical Spill-10 (CS-10) 2010/2011 Biennial Data Presentation which included data collected for the CS-10 System Performance and Ecological Impact Monitoring (SPEIM) program and the CS-10 Long Term Monitoring (LTM) program between October 2010 and April 2011. The data presented included results from the following: • Biennial/annual/semiannual groundwater sampling event; • Semiannual extraction well sampling event; • Monthly sampling of treatment plant ports; • Flow testing at 00EW0001 and 03EW2110 associated with optimization evaluations; • Johns Pond surface water sampling; • Three quarterly in-situ chemical oxidation (ISCO) sampling events; and • CS-10 In-Plume data gap investigation. These data were presented during the 29 September 2011 Technical Update meeting. The handouts for the presentation included 10 figures and presentation text slides. The handout is included as **Attachment A**.
2.0	**BACKGROUND** The contaminants of concern (COCs) for the CS-10 plume are trichloroethene (TCE) and tetrachloroethene (PCE). Three treatment systems were designed to remediate the CS-10 plume: (1) the CS-10 Sandwich Road extraction, treatment, and reinjection (ETR) system; (2) the CS-10 In-Plume extraction, treatment, and infiltration (ETI) system; and (3) the Northern Lobe (i.e., the northernmost leading edge lobe) extraction well.

Distribution: AFCEE: Rose Forbes, Jon Davis, Mike Minior, Bob Power, Admin. Record; EPA: Bob Lim; MassDEP: Len Pinaud, Elliott Jacobs; CH2M HILL: Pat de Groot, Nigel Tindall, Mary O'Reilly, Doc. Control

ITEM	REMARKS
	Analytical data for the CS-10 plume have been collected through the SPEIM program since 1999 when the first remedial system went on-line. The SPEIM program was developed to monitor plume changes and to ensure the effective operation of the groundwater remediation systems and identify potential optimization opportunities; monitoring networks are also evaluated and optimized through the SPEIM program. Monitoring for the two CS-10 leading edge lobes that do not have active remediation (North Central Lobe and Southern Lobe) and monitoring on the eastern side of Johns Pond is completed under the CS-10 LTM program. The current approved CS-10 SPEIM/LTM network, including the analytical scope and methods, is presented in the *Comprehensive Long Term Monitoring Plan (CLTMP)*, which is available on-line at www.mmr.org under Plans and Protocols. During this reporting period sampling activities also included flow testing of extraction wells 03EW2110 and 00EW0001 to evaluate potential optimized operating conditions; rotosonic and direct push drilling for an ongoing data gap investigation that will provide information needed to optimize the CS-10 In-Plume and Sandwich Road remedial systems and to update the CS-10 conceptual site model (CSM), and supplemental ISCO pilot test sampling to further evaluate the migration and persistence of the oxidant and impacts from the injection which was conducted in November 2007.
3.0	**RESULTS** Analytical results for TCE and PCE and general concentration trends were presented for selected sampling locations in the CS-10 In-Plume, Southern Trench, Sandwich Road, Northern Lobe, and other leading edge areas. An overview of remedial system operations during the reporting period was presented by providing extraction well and treatment plant influent concentrations, TCE and PCE mass removal calculations, extraction well operational rates, number of carbon exchanges, and electrical usage with estimates of associated air emissions. Results from the ongoing data gap investigation (consisting of direct push and rotosonic drilling), optimization flow testing at 00EW0001 and 03EW2110, and ISCO pilot test sampling results were also presented (**Attachment A**). Note that all the analytical data collected in 2010 for the CS-10 SPEIM and LTM programs were included in the *Chemical Spill-10 2010 Summary Letter Report* (AFCEE 2011), and all the analytical data collected in 2011 will be included in the *Chemical Spill-10 2011 Summary Letter Report*, which is scheduled for submittal in March 2012.
4.0	**CONCLUSIONS** **CS-10 In-Plume** • No Maximum Contaminant Level (MCL) exceedances have been detected in monitoring wells located between the source area and the northernmost extent (trailing edge) of the CS-10 plume boundary since 2005. However, a 10 to 20 foot thick zone of MCL exceedances of TCE was observed in groundwater screening results collected from two borings located along the trailing edge of the CS-10 plume: direct push boring 03DP1066 (12.1 micrograms per liter [µg/L]) and

ITEM	REMARKS

rotosonic boring 03MW1064A (5.6 and 25 µg/L). In addition, a 10 foot thick zone of MCL exceedances of PCE was detected in groundwater screening results collected from one rotosonic boring located upgradient of the trailing edge, 03MW1089A (12.3 µg/L at 33.5 feet mean sea level [ft msl]). After the data gap investigation is completed the CS-10 plume boundary will be revised to delineate the trailing edge of the CS-10 plume slightly north of rotosonic boring 03MW1089A.

- Several high TCE concentration lobes upgradient of 03EW2102 and higher TCE concentration areas upgradient of extraction wells 03EW2103, 03EW2104, and 03EW2105 have been identified during the data gap investigation. MCL exceedances have also been detected outside the current CS-10 plume boundary.
- The maximum TCE concentrations in the CS-10 plume are located upgradient of CS-10 In-Plume extraction well 03EW2102 (3,880 µg/L in rotosonic boring 03MW1069A). TCE MCL exceedances were observed over a 150 ft thick zone in this area with maximum concentrations between -60 and -80 ft msl. TCE influent concentrations at 03EW2102 have remained consistently high since system startup (86 µg/L in 2010) (slide 5 in **Attachment A**).
- Elevated TCE concentrations (325 µg/L in rotosonic boring 03MW1075A) and a 120 ft thick zone of contamination were detected upgradient of 03EW2104 during the data gap investigation; contamination in several borings completed in this area extended to bedrock.
- The maximum TCE concentration detected upgradient of 03EW2105 was 803 µg/L in direct push boring 03DP1110 and MCL exceedances extended over a 60 ft thick zone (between -14.5 and -74.5 ft msl). Maximum PCE concentrations in the CS-10 plume are detected upgradient of 03EW2105 at monitoring well 03MW0109B (screened from -28 to -33 ft msl); PCE concentrations at this well decreased from 123 µg/L in 2010 to 85 µg/L in 2011.
- Extraction well 03EW2106 was taken out of operation on 24 February 2010 (AFCEE 2010). The TCE concentrations at 03EW2106 and in the area of 03EW2106 continue to support the shutdown of this well; any remaining contamination in this area is located within the capture zones of 03EW2103 or 03EW2105.
- The draft 2011 TCE plume shell, which includes all the data gap investigation results, has approximately 103 percent more mass and 29 percent more volume than the previous (January 2008) TCE plume shell and the maximum TCE concentration in the draft 2011 plume shell is 3,880 µg/L compared to 450 µg/L in the 2008 version.
- Based on preliminary transport modeling results using the draft 2011 TCE plume shell, the CS-10 In-Plume system is still meeting the system design expectations of plume capture, and the newly characterized TCE contamination identified to the east of the current plume boundary is located within the Sandwich Road system capture zone.
- The CS-10 IP system removed 116 pounds (lbs) of TCE and 8 lbs of PCE between January and June 2011, and 4,067 lbs of TCE and 507 lbs of PCE since system startup in 1999. Approximately 50 percent of this mass was removed by one extraction well, 03EW2102.

ITEM	REMARKS

ISCO Pilot Test

- An ISCO injection (using sodium permanganate) was completed in November 2007 in an area located north and hydraulically upgradient of extraction well 03EW2109 as part of a pilot test. The presence of sodium permanganate was still observed at two pilot test monitoring locations (03MW1024D and 03MW1036A) in June 2010, over 2.5 years after the injection. TCE concentrations in most wells located within the pilot test site have decreased since the ISCO injection in November 2007 and TCE concentrations in two downgradient wells have also decreased. TCE concentrations in some pilot test wells have returned to pre-injection (i.e., baseline) concentrations, which is consistent with high TCE concentrations detected upgradient of the ISCO pilot test site migrating back into the area.

CS-10 Southern Trench

- TCE concentrations in monitoring wells located downgradient (i.e., south) of 03EW2111 have generally decreased and based on observed increases in TCE concentrations in monitoring wells located south of the base boundary, contamination appears to have migrated downgradient of the base boundary toward 03EW2112 (slide 23 in **Attachment A**).
- Southern trench extraction well 03EW2112 began operation on 19 February 2009. Based on groundwater monitoring results and influent concentrations at 03EW2112, the leading edge of the southern trench lobe of the CS-10 plume had not yet reached 03EW2112 and 03EW2112 was temporarily taken out of operation on 17 April 2009.
- After a data gap investigation which included increased sampling of monitoring wells in the southern trench area, the completion of two rotosonic borings (03MW1058A and 03MW1059A), installation of six monitoring wells (03MW1058A,B,C and 03MW1059A,B,C), two flow tests and groundwater flow and transport modeling; a recommendation to operate 03EW2112 at the more efficient flow rate of 100 gallons per minute (gpm) with a packered configuration (blocking off the bottom 40 feet of the well screen with a packer) was presented at the December 2010 Technical Update meeting. Extraction well 03EW2112 has been operating at this optimized scenario since January 2011 and TCE influent concentrations increased from below the reporting limit to 2 µg/L in 2011.

CS-10 Sandwich Road

- TCE influent concentrations exceeded the MCL in two operational Sandwich Road system extraction wells: 03EW2173 (21 µg/L) and 03EW2174 (7.5 µg/L).
- Two off-line extraction wells (03EW2176 and 03EW2177) were turned back on in 2011 after TCE MCL exceedances were observed in 03EW2177 (during sampling of offline well). A data gap investigation is ongoing to determine the extent of contamination in this area and 03EW2176 and 03EW2177 have been turned back on and are operating at the interim flow rates of 75 and 50 gpm, respectively, to improve the hydraulic capture of the Sandwich Road ETR system. Once the uncertainty of the extent of contamination in this

ITEM	REMARKS
	area has been addressed, optimization of the Sandwich Road system will be completed using the revised TCE plume shell and the recalibrated groundwater flow model as part of the CS-10 In-Plume optimization modeling effort. • TCE concentrations in trailing edge well 03MP0091A decreased below the MCL for the first time since sampling began in 1998 (from 12 µg/L in 2009 to 2.8 µg/L in 2011); a historical maximum TCE concentration of 1,500 µg/L was observed at this well in 2001. • The CS-10 Sandwich Road system removed approximately 8 lbs of TCE and 0.4 lbs of PCE between January and June 2011, and 1,019 lbs of TCE and 23 lbs of PCE since system startup in 1999. **CS-10 Leading Edge** • Increases in TCE influent concentrations at the Northern Lobe extraction well (00EW0001) are consistent with increasing TCE concentrations in upgradient wells. Based on monitoring results and modeling predictions the extraction well is containing the plume and operating as designed. Flow testing at 00EW0001 is ongoing to determine if the flow rate could be optimized to improve performance; the well is currently operating at 225 gpm. Northern Lobe extraction well (00EW0001) removed approximately 26.6 lbs of TCE between January and June 2011 and has removed 300.3 lbs of TCE since system startup in 2000. • Concentrations in the North Central Lobe and Southern Lobe are generally consistent with previous results and with the conceptual site model for these two lobes. • Analytical results collected on the east side of Johns Pond are consistent with the conceptual site model and indicate that the Mashpee Village Public Water Supply well and sentry wells are not impacted by the CS-10 plume. TCE concentrations at one well located on the east side of Johns Pond (00MW0584A), where low-level MCL exceedances (5.1 µg/L) were observed in 2003, increased above the MCL to 6.2 µg/L in 2011. This monitoring well is screened deep in the aquifer (-238 to -243 ft msl), just above bedrock and contamination at this location will not have an impact on the Mashpee Water Supply well (AFCEE 2005). TCE concentrations at other monitoring wells in this area were consistent with previous sampling events.
5.0	**RECOMMENDATIONS/PATH FORWARD** • The In-Plume data gap investigation is ongoing; recommend revising the CS-10 plume boundary and finalizing the TCE plume shell after the data gap investigation is completed. Data collected during this data gap investigation will also be used to recalibrate the groundwater flow model and to complete transport modeling to evaluate potential optimization scenarios for the CS-10 In-Plume and Sandwich Road systems.

ITEM	REMARKS
	• Recommend operating Sandwich Road extraction wells 03EW2176 and 03EW2177 at interim flow rates (75 and 50 gpm, respectively) until the plume extent in this area is determined and optimization modeling of the CS-10 In-Plume and Sandwich Road systems is completed. • Based on flow testing results at 00EW0001, it is recommended that 00EW0001 continue operating at the higher flow rate of 225 gpm until TCE influent concentrations continually decrease. • Recommend continued groundwater sampling at selected ISCO pilot test wells to further evaluate the concentration trends for TCE, selected metals, and total dissolved solids. • Recommend CS-10 SPEIM/LTM monitoring network revisions including: (i) reducing the sampling frequency of southern trench area wells from semiannual to annual; and (ii) increasing the sampling frequency of 00MW0584A (located on the east side of Johns Pond) from biennial to annual. A summary of the CS-10 SPEIM/LTM monitoring network revisions is included in **Attachment B**. The locations of the wells are shown on the figures in **Attachment A**.
6.0	**COMMENTS/ACTION ITEMS** A follow-up with the regulatory agencies was conducted during the 17 November 2011 Technical Update meeting. No additional comments regarding the results, conclusions, and recommendations presented during the 2010/2011 biennial data presentation were received or action items identified.
7.0	**REFERENCES** AFCEE (U.S. Air Force Center for Engineering and the Environment). 2010 (March). Project Note: *CS-10 Extraction Well 03EW2106 Interim Shut Down*. 389849-SPEIM-CS10-PRJNOT-003. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2011 (March). *Chemical Spill-10 2010 Summary Letter Report*. 404929-SPEIM-CS10-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2005 (October). *Final Chemical Spill-10 Leading Edge Technical Memorandum*. 324146-SPEIM-CS10-TECHMEM-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

ITEM	REMARKS
8.0	**CONCURRENCE** Concurrence with the remedial system operation and monitoring network recommendations presented during the CS-10 2010/2011 Biennial SPEIM/LTM Data Presentation (i.e., continuing to operate Sandwich Road extraction wells 03EW2176 and 03EW2177 and Northern Lobe extraction well 00EW0001 at interim flow rates of 75, 50, and 225 gpm, respectively; reducing the sampling frequency of southern trench area wells from semiannual to annual and increasing the sampling frequency of 00MW0584A from biennial to annual) is represented by the signatures below: Robert Lim 1/26/12 U.S. EPA Representative 1/26/2012 MassDEP Representative AFCEE Project Manager Note: The parties involved will retain the ability to modify monitoring program based on field observations or other mutually agreeable technical justifications.

Attachments:
Attachment A. CS-10 SPEIM/LTM Biennial Data Presentation, 29 September 2011 Technical Update Meeting
Attachment B. Proposed CS-10 SPEIM/LTM Chemical Monitoring Network

ATTACHMENT A

CS-10 SPEIM/LTM Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

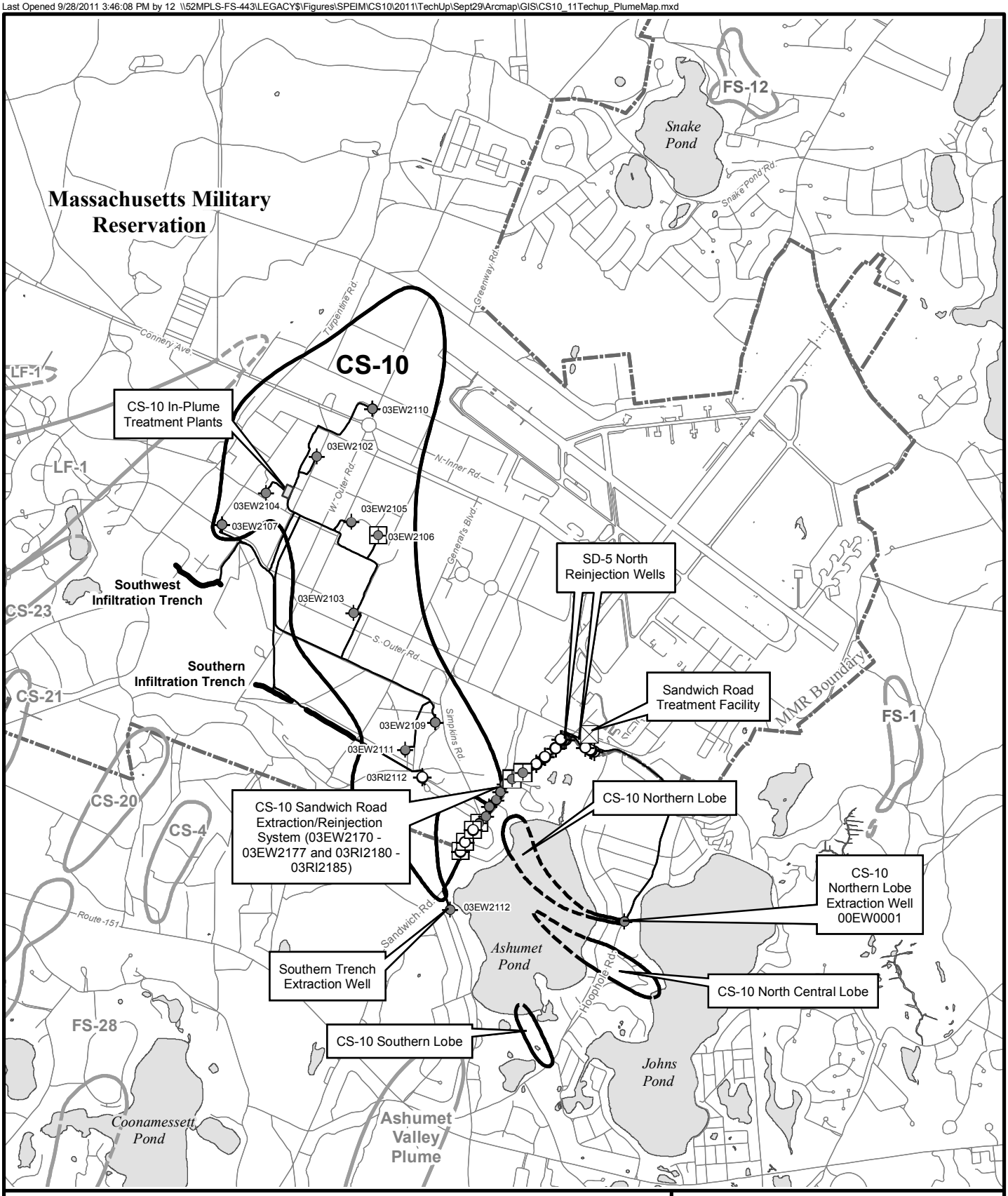
Sampling Dates: October 2010 through April 2011

Sampling Events:

- Biennial/Annual/Semiannual sampling event
- Semiannual extraction well sampling
- Flow testing at 00EW0001 and 03EW2110
- Johns Pond surface water sampling
- Three Quarterly ISCO sampling events (7 locations)
- Data gap investigation

Deviations:

- Sampling event took seven months to complete; field team was supporting data gap investigation.
- Reduced 2011 semiannual sampling event (August 2011) to extraction wells only.
- Access to wells 03MW2625A,B was denied by property owner.



Legend

- CS-10 Plume Boundary (Dashed Where Inferred)
- Other Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary
- Treatment System Piping
- Infiltration Trench
- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)
- Treatment Facility

Data Source: AFCEE, March 2011, MMR-AFCEE Warehouse

N

0 1,600 3,200 Feet

CS-10 GROUNDWATER PLUME AND TREATMENT SYSTEMS

AFCEE - Massachusetts Military Reservation

29 September 2011 Technical Update Meeting

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CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

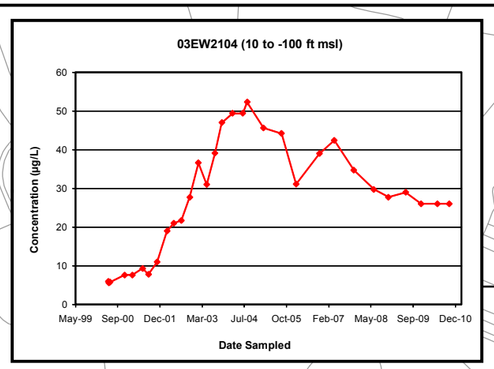
Extraction Wells

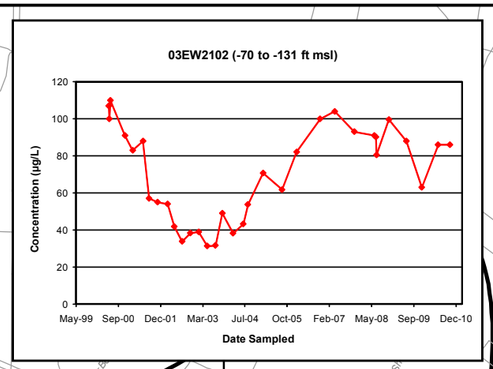
- TCE influent concentrations exceeded the MCL in six of the nine In-Plume extraction wells; maximum TCE influent concentration of 86 µg/L was detected at 03EW2102 (design flow rate of 460 gpm).
- TCE concentrations were relatively consistent with previous sampling event; increasing trends are observed at 03EW2109 and 03EW2111.
- 03EW2106 was taken out of operation in February 2010; TCE concentrations were 1.1 and 1.2 µg/L in 2010.
- PCE was detected above the RL in 3 In-Plume extraction wells: 03EW2103 (2.3 µg/L), 03EW2105 (5.1 µg/L), and 03EW2110 (2.7 µg/L).
- In-Plume extraction wells operated between 91 and 97 percent of their design flow rates between January and June 2011.

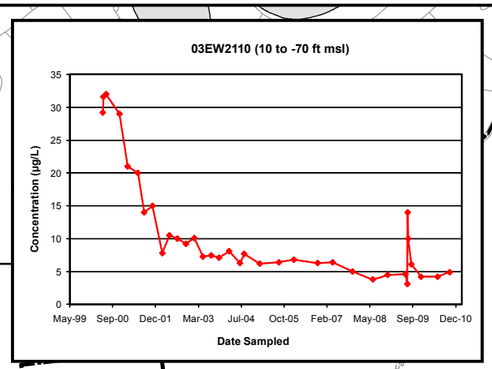
CS-10 In-Plume
Extraction/Reinjection Well Flow Rates

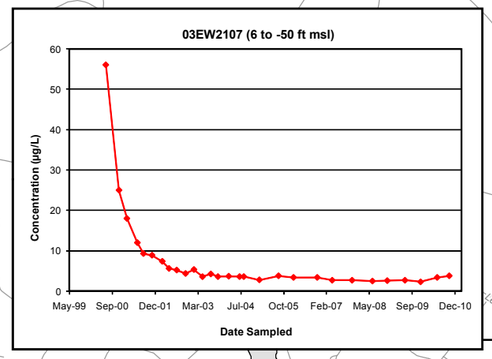
CS-10 IP	03EW2102	03EW2103	03EW2104	03EW2105	03EW2106	03EW2107	03EW2109	03EW2110	03EW2111	03RI2112
Average Daily Flow	445	292	219	420	0	46	118	239	401	370
Design Flow	460	300	230	450	0	50	125	250	425	380
% of Design Flow	97%	97%	95%	93%	NA	91%	95%	96%	94%	97%

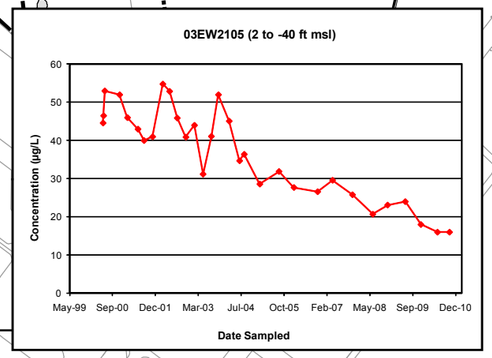
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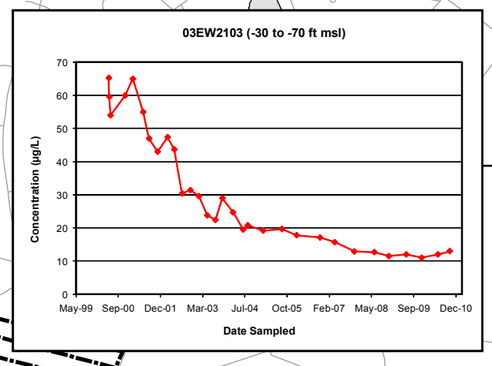


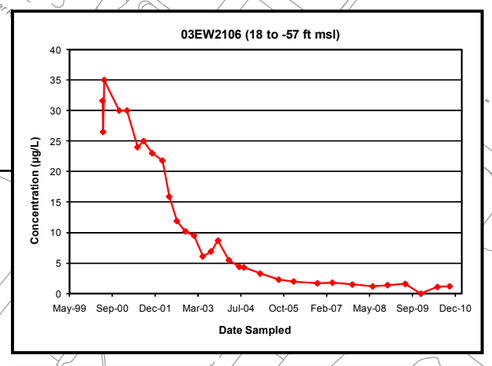


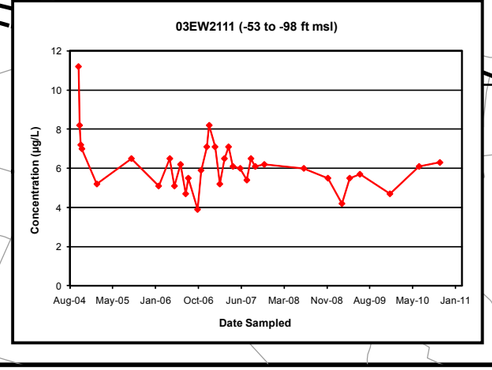


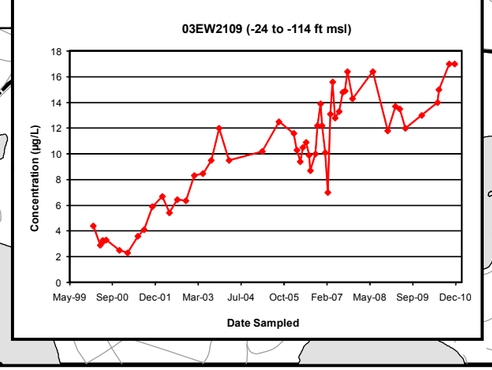












Legend

- Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE

N

0 825 1,650 Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

CS-10 IN-PLUME TCE CONCENTRATION TRENDS

AFCEE - Massachusetts Military Reservation

29 September Technical Update Meeting

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CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

Plant (January to June 2011)

– TCE influent concentrations at the CS-10 In-Plume plants ranged from

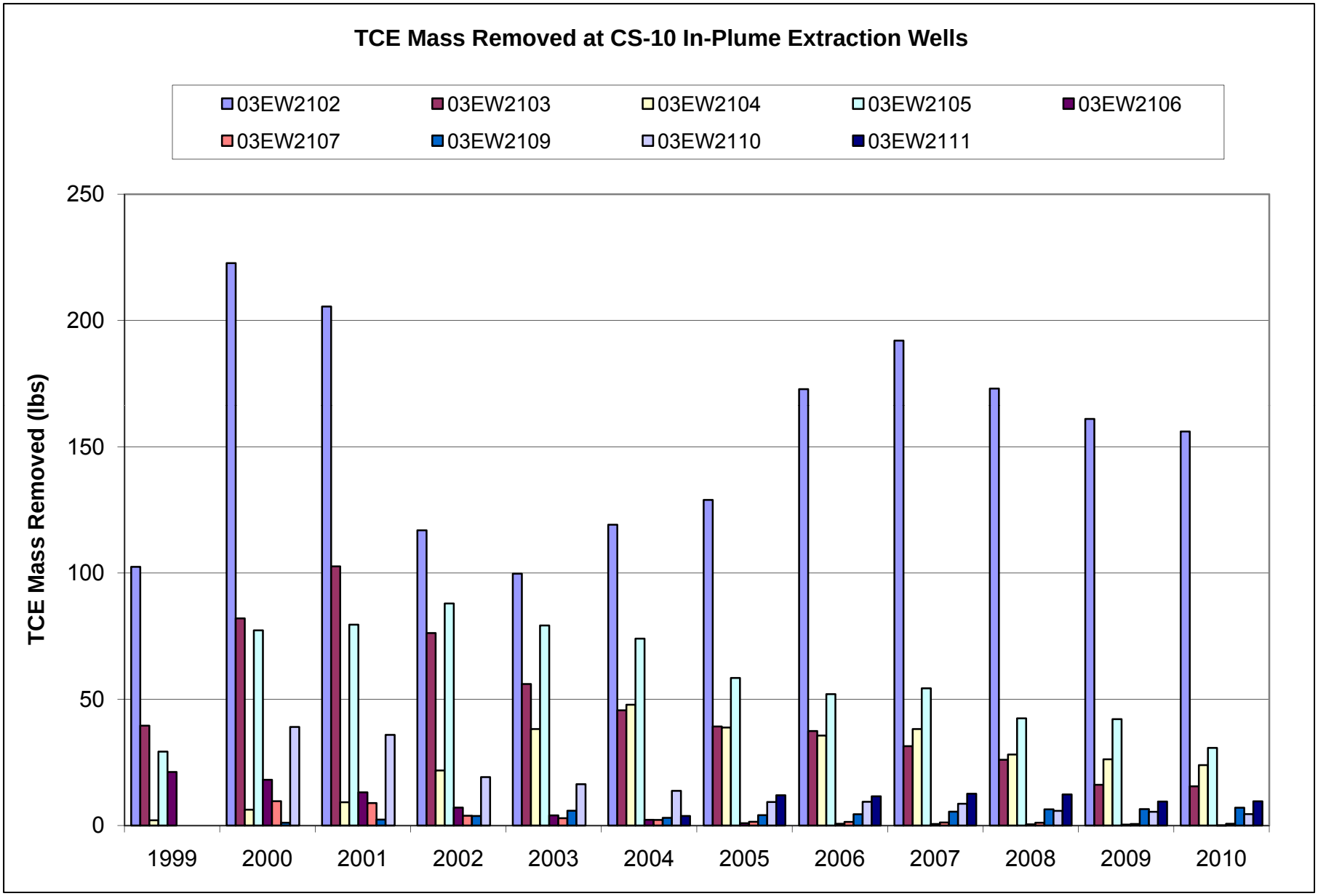
11.0 to 13.0 µg/L in Plant A (519 gpm) 41.0 to 59.7 µg/L in Plant B (489 gpm)

11.0 to 13.0 µg/L in Plant C (504 gpm) 34.0 to 48.6 µg/L in Plant D (515 gpm)

- PCE influent concentrations did not exceed the MCL in any of the CS-10 In-Plume plants (ranged from BRL to 2.69 µg/L).

– CS-10 IP system removed 116 lbs of TCE and 8 lbs of PCE between January and June 2011, and 4,067 lbs of TCE and 507 lbs of PCE since system startup.

– Approximately 530 million gallons of groundwater were treated by the CS-10 IP system and 8 carbon exchanges were completed from January to June 2011.


TCE Mass Removed at CS-10 In-Plume Extraction Wells
03EW2102
03EW2103
03EW2104
03EW2105
03EW2106
03EW2107
03EW2109
03EW2110
03EW2111
TCE Mass Removed (lbs)
250
200
150
100
50
0
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010

CS-10 In-Plume Remedial System Electrical Consumption and Associated Air Emissions
29 September 2011 Technical Update Meeting

		1/1/2011 to 6/30/2011	System Startup (6/1999) to 6/30/2011
Volume of Groundwater Treated (million gallons)		**528**	**15,199**
Groundwater COC Mass Removal (pounds)		**124**	**4,573**
Electrical Usage (MWh)		**1,437**	**37,630**
Estimated Air Emissions[1] (based on electrical usage)	**CO_2**	941	29,563
	NOx	2,026	47,004
	PM-10	116	1,717
	SO_2	5,403	54,419
	VOCs	71	2,097
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	**CO_2**	0	0
	NOx	0	0
	PM-10	0	0
	SO_2	0	0
	VOCs	0	0
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	**CO_2**	308	641
	NOx	662	1380
	PM-10	38	79
	SO_2	1766	3680
	VOCs	23	48
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	**CO_2**	**634**	**28,922**
	NOx	**1,364**	**45,624**
	PM-10	**78**	**1,638**
	SO_2	**3,637**	**50,739**
	VOCs	**48**	**2,048**

Notes:

1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (http://www.abraxasenergy.com/metrix4.php) and emission factors obtained from the following websites:
http://www.csgnetwork.com/elecpowerpolcalc.html
http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf
2) Option to purchase electricity from renewable sources is not available for CS-10 In Plume accounts.
3) Emissions offset by operation of AFCEE-owned wind turbine beginning on 12/2/2009.

Key:
COC = contaminant of concern
CO_2 = carbon dioxide reported in tons
CS-10 = Chemical Spill-10
MMR = Massachusetts Military Reservation
MWh = megawatt hours
NO_x = nitrogen oxides reported in pounds
PM-10 = particulate matter with a diameter of 10 micrometers or less reported in pounds
SO_2 = sulfur dioxide reported in pounds
VOCs = volatile organic compounds reported in pounds

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CS-10

LF-1

MMR Boundary

03DP0029A
03UW0025B
03UW0027-098
03DP0030A
03MW0020
03MW0022A
03MW0021A
03MW0023A
03MW0024A
03MW0107B
03MW0028A,C
03MW2122A
03MW2608A
03EW2110
03MW0036
03MW0035
03MW0031
03MW0030A
03MW0029A,B,Z
03MW0112A,B
03MW0069
03MW0097
03MW0048
03EW2102
03MW2105A
03MW0032
03MW0033
03MW0106B
03MW0070AB
03MW0034
03MW2106A
03MW2117A,B
03MW2150A
03EW2104
03MW0109A,B
03MW2119A,B
03MW2124A
03MW2602A
03EW2107
03MW2111B
03EW2105
03MW0046
03EW2106
03MW2604A
03MW0075
03MW0082
03MW2152A
03MW0079
03MW2613B
03MW2607A
03MW0040B
03MW0083
03MW2153A
03MW0045,A,Z
03MW0049
03MW0081
03MW0116B
03MW0100A
03MW0101B
03MW2148A
03MW0111A,B
03MW0110A,B
03EW2103
03DP0041A
03MW2108A
03MW2149A
03MW2121A
03MW2118A
03MW2109A
03MW1028A,B
38MW0061
03MW2110A
03MW0096
03DP0039A,B,C
03MW0118B
38MW0062
38MW0063
03MW1018A,B
03MW0043A
03MW2160A
03MW1020A,B
03MW1021A,B
03MW0041,B

Turpentine Rd
Herbert Rd
Upston St
F. Perkins Rd
Chenault Rd
Ramey St
Connery Av
Beebe St
Shelton St
Dolan Rd
Greenway Rd
Snake Pond Rd
Hall St
North Truck Rd
Howard St
Gaffney St
Rotary Cir
West Hospital Rd
Olds St
Weaver Rd
North Outer Rd
Hampton St
Richardson Rd
Butler St
West Outer Rd
Ent St
East Hospital Rd
Turpentine Rd
Lee Rd
Bryan St
West Truck Rd
Beaman St
Generals Blvd
East Inner Rd
East Truck Rd
South Inner Rd
Curtis Blvd
Norstad St
Lindley Av
Burwell St
South Outer Rd
Hunter Av
Guenther Rd
East Outer Rd
Simpkins Rd
Kittredge Rd
South Truck Rd

CS-10 IN-PLUME AREA COC DETECTIONS

AFCEE - Massachusetts Military Reservation

29 September 2011 Technical Update Meeting

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CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

Maximum Concentrations:

- Maximum TCE concentration of 506 µg/L (2011) in 03IJW001A (571 µg/L in 2010).
- Maximum PCE concentration of 123 µg/L (2010) in 03MW0109B (159 µg/L in 2008).
- Maximum TCE concentration detected during the In-Plume data gap investigation was 3,880 µg/L in boring 03MW1069A (May 2010).
- Maximum PCE concentration detected during the In-Plume data gap investigation was 51 µg/L in boring 03DP1082 (January 2010).

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

Source Area

- No MCL exceedances had been detected between the source area and the northernmost extent (trailing edge) of the CS-10 plume boundary since 2005.
- In 2010, PCE concentrations at 03MW0020 increased from 2.2 (Nov 2009) to 12 µg/L (Dec 2010).
- MCL exceedances for PCE were observed in groundwater screening results collected from 03MW1089A (12.3 µg/L at 33.5 ft msl in July 2011).
- TCE has not been detected above the reporting limit of 1 µg/L in any source area or trailing edge well since 2004.
- MCL exceedances of TCE were observed in groundwater screening results collected from 03DP1066 (12.1 µg/L at -55.5 ft msl in Feb 2009) and 03MW1064A (5.6 and 25 µg/L at -50.5 and -60.5 ft msl, respectively in Feb 2010).

CS-10 SPEIM/LTM
2009 Annual Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

03EW2102 (screened from -70 to -131 ft msl)

- Maximum TCE concentration detected during the In-Plume investigation was 3,880 µg/L (-60.5 ft msl) in boring 03MW1069A; MCL exceedances ranged from 6.4 to 3,880 µg/L between -10.5 and -150.5 ft msl (150 ft thick zone).
- Maximum TCE concentration detected in biennial monitoring network was 81 µg/L in 03MW0031 (180 µg/L in 2009); screened from -11.45 to -16.45 ft msl.
- Several distinct high concentration lobes were detected upgradient of 03EW2102; maximum TCE concentrations of 3,880, 1,700, and 960 µg/L in three lobes were detected at consistent elevations (between -60 and -80 ft msl).

CS-10 SPEIM/LTM
2009 Annual Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

03EW2104 (screened from 10 to -100 ft msl)

- Maximum upgradient TCE concentration detected in biennial monitoring network was 6.8 µg/L in 03MW0035 (16 µg/L in 2009); screened from -12 to -17 ft msl.
- TCE concentrations in well located adjacent to 03EW2104 (03MW2150A) decreased from 230 to 108 µg/L; screened from -64 to -69 ft msl.
- Maximum TCE concentration detected during the In-Plume investigation was 325 µg/L (-106.5 ft msl) in boring 03MW1075A; MCL exceedances ranged from 5.3 to 325 µg/L between -6.5 and -126.5 ft msl (120 ft thick zone).
- Much higher TCE concentrations and a thick zone of contamination detected upgradient of 03EW2104 during data gap investigation, contamination in several borings extended to bedrock.

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

<u>03EW2105 (screened from 2 to -40 ft msl)</u>

- Maximum TCE concentration detected in biennial monitoring network, upgradient of 03EW2105 was 252 µg/L in 03MW2106A (increased from 15.2 µg/L in 2008); screened from -97 to -107 ft msl.
- Maximum TCE concentration detected during the In-Plume investigation was 803 µg/L in 03DP1110 (-24.5 ft msl); MCL exceedances ranged from 9.1 to 803 µg/L between -14.5 and -74.5 ft msl (bottom of boring).
- Maximum PCE concentrations are detected upgradient of 03EW2105:

  85 µg/L in well 03MW0109B and 52 µg/L in boring 03DP1082.
- Notable changes in TCE concentrations :

  03MW0046 (40 µg/L to BRL), 03MW2111B (710 to 456 µg/L),

  03MW0109B (132 to 61 µg/L), 03MW2106A (15.2 to 252 µg/L).

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

<u>03EW2106 (screened from 18 to -57 ft msl)</u>

- 03EW2106 was taken out of operation in February 2010.
- TCE concentrations at off-line well 03EW2106 were 1.1 and 1.2 µg/L in 2010.
- TCE concentrations in monitoring wells located upgradient and downgradient of 03EW2106 generally decreased.
- Notable changes in TCE concentrations :

  Upgradient Wells: 03MW0033 (4.5 µg/L to BRL) and 03MW0112B (14 to 4.2 µg/L)

  Downgradient Well: 03MW2153A (13 to 5 µg/L)

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29 September 2011 Technical Update Meeting

CS-10 In-Plume Results:

<u>03EW2109 and ISCO Pilot Test Site</u>

- Presence of permanganate was still observed at two locations (03MW1024D and 03MW1036A) through June 2010, over 2.5 years after the injection.

- TCE concentrations in wells located at the ISCO site decreased since the ISCO injection in Nov 07 at: 03MW1024A (590 to 39 µg/L), 03MW1024E (206 to 41 µg/L), and 03MW1036A (148 to 20 µg/L) and increased or returned to background concentrations at : 03MW1024C (112 to 392 µg/L) and 03MW1024D (450 to 313 µg/L).

- High TCE concentrations continue to be detected upgradient of the ISCO site: 03IJW001A (204 to 506 µg/L), 03DP0039C (120 to 111 µg/L), and 03MW0096 (38.9 to 60 µg/L).

- TCE concentrations in two wells located downgradient of the ISCO site and upgradient of 03EW2109 decreased since the ISCO injection in Nov 07 : 03DP0033A (229 to 106 µg/L) and 03MW2610A (204 to 83 µg/L).

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CS-10 In-Plume Results:

Draft 2011 CS-10 TCE Plume Shell Revision Summary

Statistics

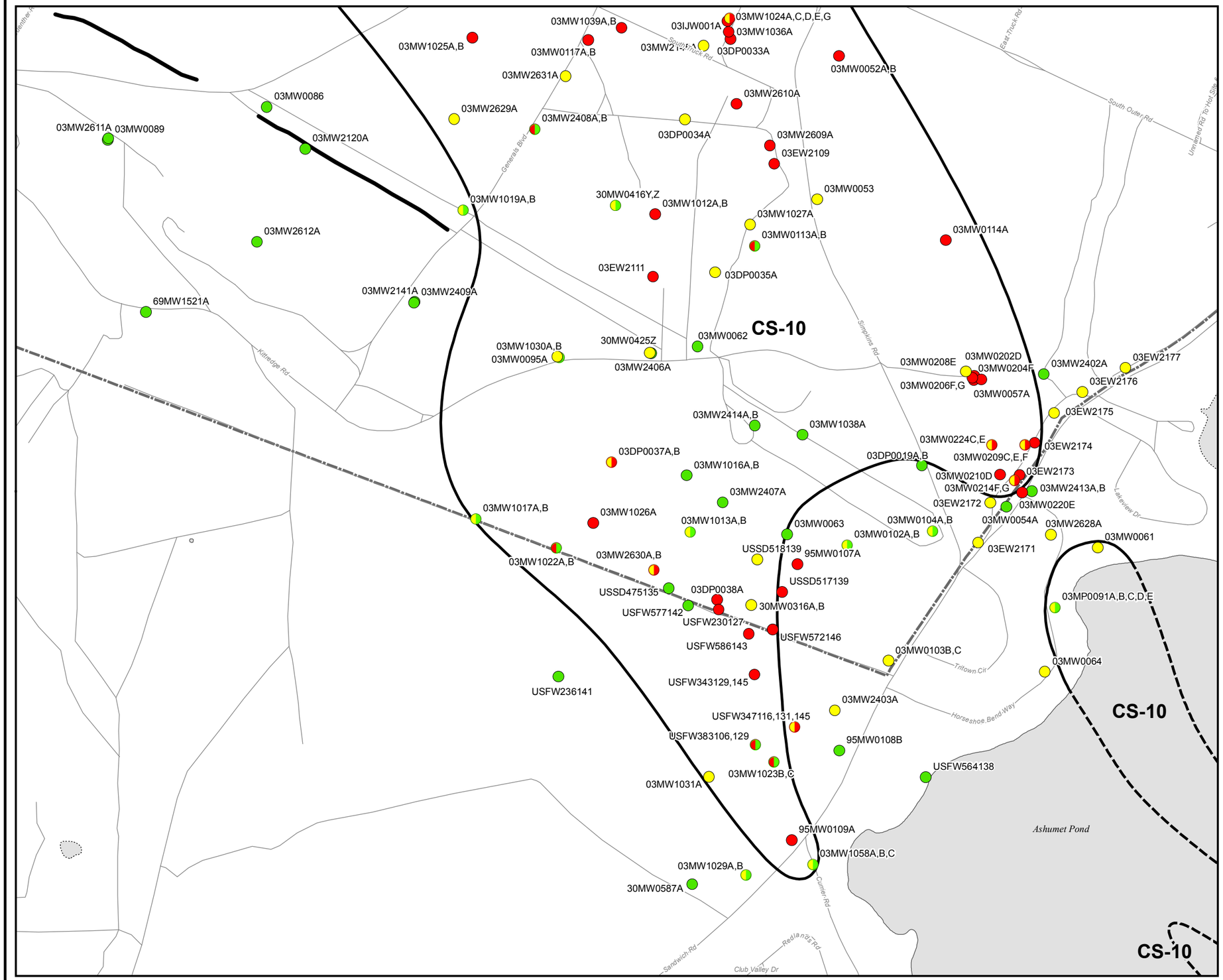
- Approximately 103% more mass and 29% more volume than the January 2008 plume shell.
- Maximum TCE concentration increase from 450 to 3,880 µg/L.

TCE Distribution Changes

- New plume shell will extend 1,000 feet further east, 1,500 feet further north, 1,000 feet further west , and 1,000 feet further south (in the vicinity of 03EW2107).

TCE Concentration Changes

- New plume shell will show separation immediately south of 03EW2111.
- Lower TCE concentrations north of 03EW2111 and 03EW2109.
- Higher TCE concentrations near 03EW2102, 03EW2104, and north of 03EW2103, 03EW2110.



Legend

- Massachusetts Military Reservation Boundary
- CS-10 Plume Boundary (Dashed Where Inferred)
- Infiltration Trench

Contaminant Detections:

- No Detection
- Detection Below or at MCL
- Detection Above MCL

N

0 325 650

Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2011

CS-10 SOUTHERN TRENCH/SANDWICH ROAD AREA COC DETECTIONS

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29 September 2011 Technical Update Meeting

CS-10 Southern Trench Results:

TCE concentrations upgradient of 03EW2111 fluctuated.

- Notable decreases in TCE concentrations: 03MW0117B (36 to 27 µg/L, maximum of 132 in 2006), 03MW1018B (99 to 32 µg/L, maximum of 168 in 2008), 03MW1020B (140 to 54 µg/L, maximum of 179 in 2007), 03MW2110A (6.2 to 1.1 µg/L, maximum of 340 in 2001), and 03MW2631A (74 to 4.6 µg/L, maximum of 167 in 2006).

- Notable increases in TCE concentrations: 03MW1020A (4.1 to 54 µg/L), 03MW1012A (6.6 to 18 µg/L), and 03MW2408B (ND to 9.5 µg/L).

- TCE influent concentrations at 03EW2111 increased from 4.7 to 6.3 µg/L.

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CS-10 Southern Trench Results:

TCE concentrations between 03EW2111 and the Base Boundary generally decreased

- MCL exceedances were observed in only two wells: 03DP0037A (7.4 µg/L) and 03MW1026A (20 µg/L).
- Notable decreases in TCE concentrations: 03MW1013B (8.6 µg/L to BRL) and 03MW1026A (50 to 20 µg/L).

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CS-10 Southern Trench Results:

TCE concentrations in the Southern Trench Base Boundary Wells were relatively consistent with the previous sampling event

- Notable decreases in TCE concentrations: 03MW1017B (16 to 4.2 µg/L), 30MW0316A (41 to 2.5 µg/L) and 30MW0316B (17 to 1.5 µg/L).
- Current maximum TCE concentration at the base boundary is 17 µg/L at USFW572146.

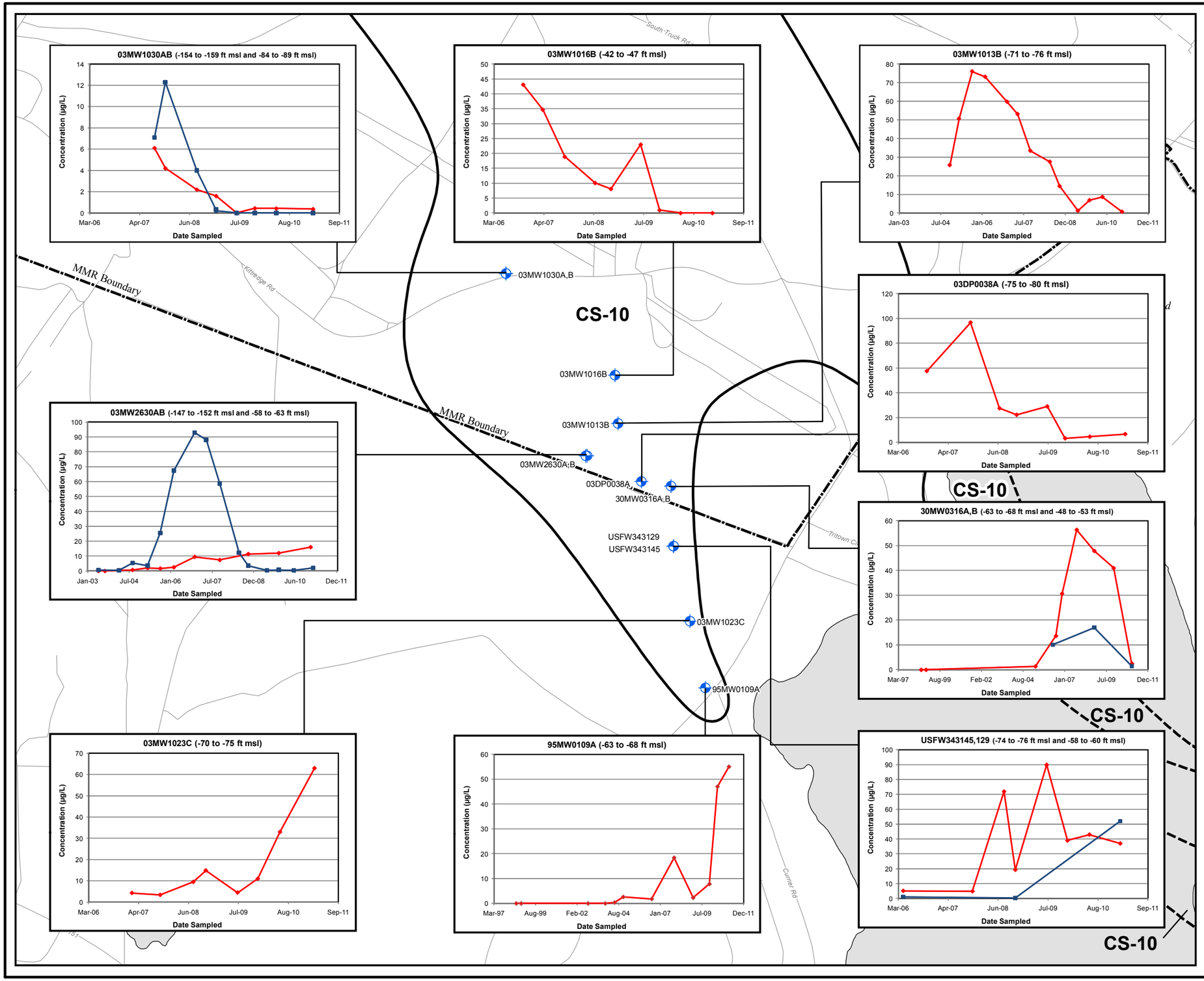
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CS-10 Southern Trench Results:

TCE concentrations Downgradient of the Base Boundary generally increased

- Notable increases in TCE concentrations: 03MW1023C (33 to 63 µg/L), 95MW0109A (47 to 55 µg/L), USFW343129 (BRL to 52 µg/L), USFW347131 (2.3 to 13 µg/L) and USFW347145 (2.3 to 55 µg/L).
- Notable decrease in TCE concentrations: 03MW1058C (21 to 1.5 µg/L) and USFW343145 (43 to 37 µg/L, maximum of 90 µg/L in 2009).

03EW2112 has been operating at 100 gpm with a packered configuration since January 2011; TCE influent concentrations increased from 1 to 2 µg/L in 2011.



Legend

- Monitoring Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE
- TCE for Shallow (B Screen) Well Where Two Trend Lines are Presented

N

0 340 680 Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

CS-10 SOUTHERN TRENCH TCE CONCENTRATION TRENDS

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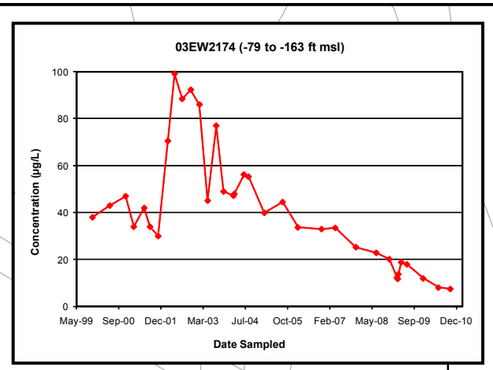
CS-10 Sandwich Road - Results:

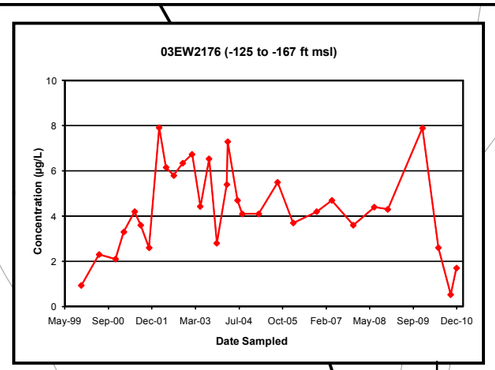
Extraction Wells

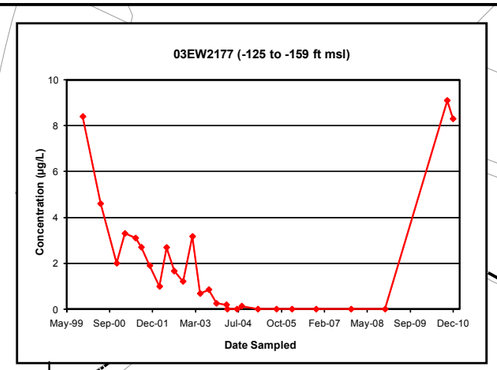
- TCE influent concentrations exceeded the MCL in two operational EWs: 03EW2173 (21 µg/L) and 03EW2174 (7.5 µg/L).
- TCE concentrations generally increased; maximum increase was observed at 03EW2173 (8.5 to 21 µg/L).
- TCE concentrations decreased at 03EW2174 (12 to 7.5 µg/L).
- PCE was not detected above the reporting limit in any extraction well.
- Sandwich Road extraction wells operated between 93 and 99 percent of their design flow rates between January and June 2011.
- Two off-line extraction wells (03EW2176 and 03EW2177) were turned back on line in 2011 after MCL exceedances were observed in 03EW2177; investigation is ongoing.

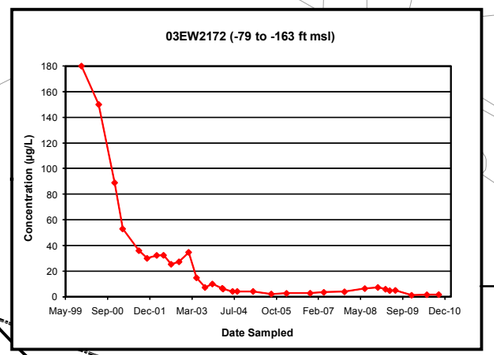
CS-10 Sandwich Road/Southern Trench
Extraction Well Flow Rates

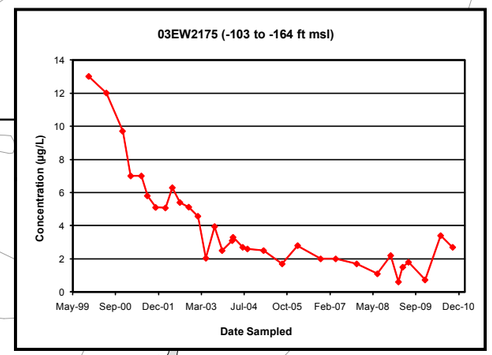
CS-10 SR	03EW2170	03EW2171	03EW2172	03EW2173	03EW2174	03EW2175	03EW2176	03EW2177	03EW2112
Average Daily Flow	0	71	70	94	95	57	49	40	95
Design Flow	0	75	75	100	100	60	50	50	100
% of Design Flow	NA	95.1%	93.1%	93.9%	94.6%	94.5%	98.9%	80.2%	95.0%

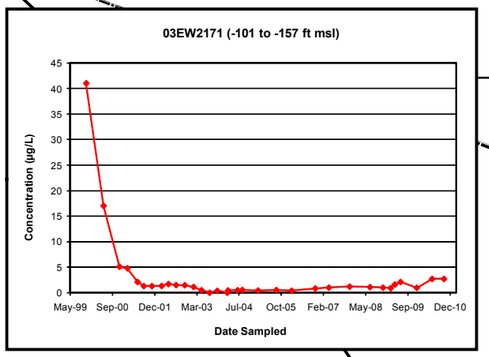


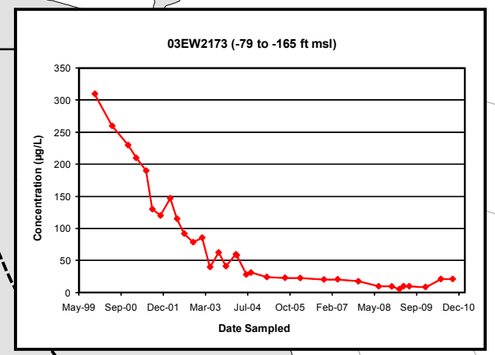


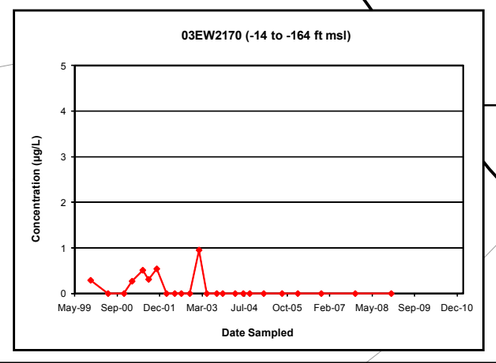


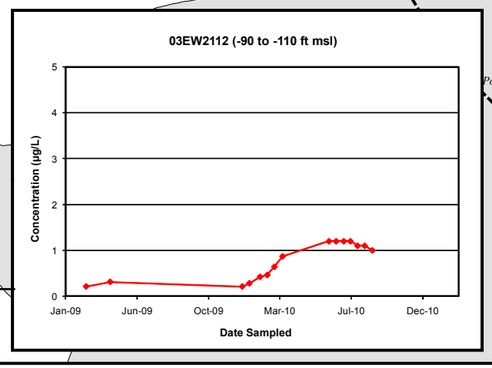












Legend

- Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE

N

0 280 560 Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

CS-10 SANDWICH ROAD TCE CONCENTRATION TRENDS

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CS-10 Sandwich Road - Results:

Plant (January to June 2011)

- TCE influent concentrations ranged between 6.20 µg/L and 7.08 µg/L.
- PCE influent concentrations were BRL.
- ETR system removed approximately 8 lbs of TCE and 0.4 lbs of PCE between January and June 2011, and 1,019 lbs of TCE and 23 lbs of PCE since system startup.
- Approximately 0.14 billion gallons of groundwater from the CS-10 Sandwich Road extraction wells were treated at the SRTF and 3 carbon exchanges were completed between January and June 2011.

CS-10 Sandwich Road and Northern Lobe Remedial Systems Electrical Consumption and Associated Air Emissions
September 29 2011 Technical Update Meeting

		1/1/2011 to 6/30/2011	System Startup (5/1999) to 6/30/2011
Volume of Groundwater Treated (million gallons)		**195**	**5,782**
Groundwater COC Mass Removal (pounds)		**300**	**1,364**
Electrical Usage (MWh)		**762**	**30,030**
Estimated Air Emissions[1] (based on electrical usage)	**CO_2**	1,012	24,127
	NOx	2,178	42,286
	PM-10	125	1,517
	SO_2	5,809	46,985
	VOCs	76	1,899
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	**CO_2**	41	236
	NOx	87	468
	PM-10	5	24
	SO_2	233	1,077
	VOCs	3	17
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	**CO_2**	163	324
	NOx	351	697
	PM-10	20	40
	SO_2	937	1858
	VOCs	12	24
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	**CO_2**	**295**	**24,066**
	NOx	**636**	**42,196**
	PM-10	**36**	**1,515**
	SO_2	**1,695**	**46,916**
	VOCs	**22**	**1,895**

Notes:

1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (http://www.abraxasenergy.com/metrix4.php) and emission factors obtained from the following websites:
http://www.csgnetwork.com/elecpowerpolcalc.html
http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf
2) Emissions offset by purchases of electricity from renewable sources beginning 7/1/2008.
3) Emissions offset by operation of AFCEE-owned wind turbine beginning on 12/2/2009.

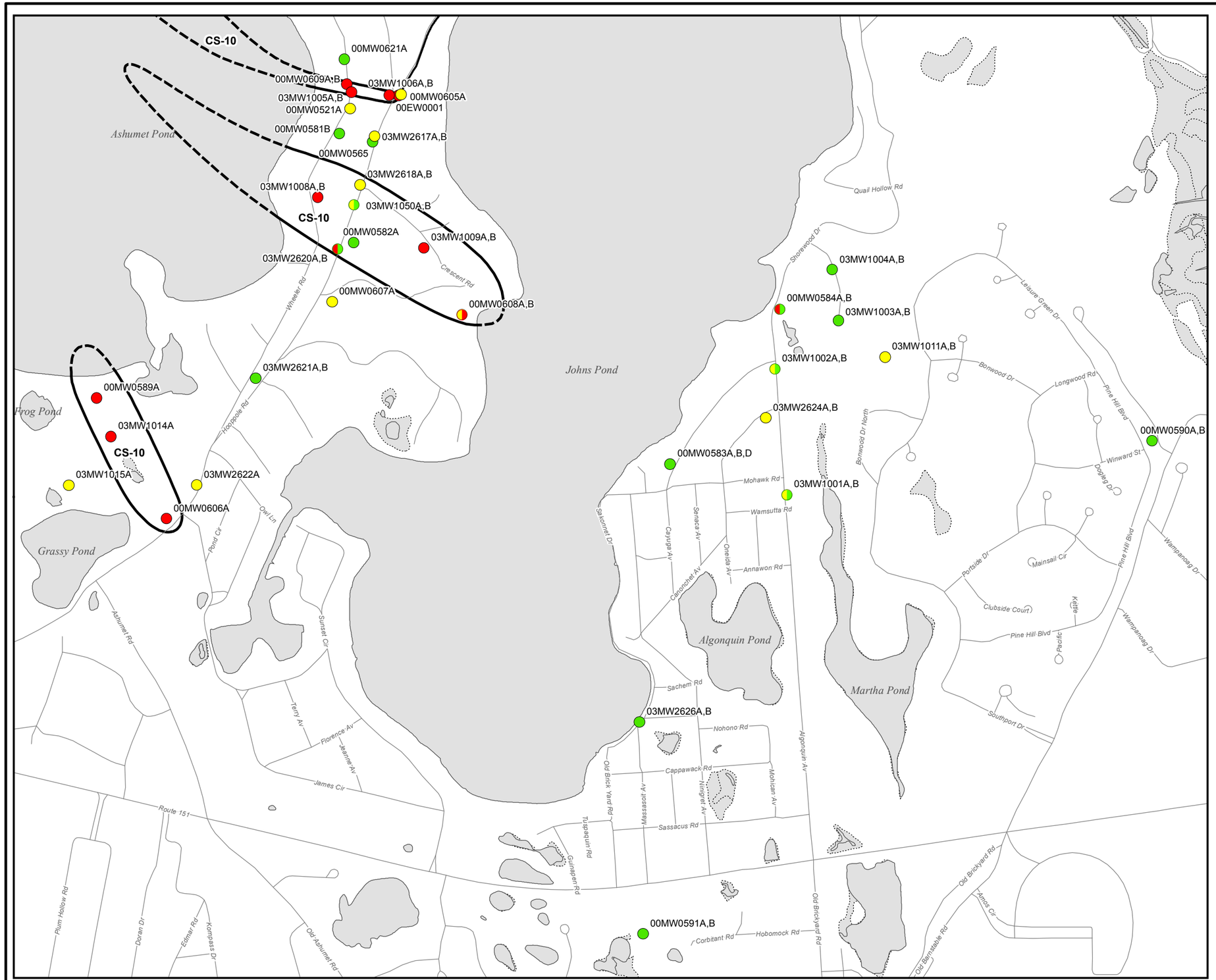
Key:
COC = contaminant of concern
CO_2 = carbon dioxide reported in tons
CS-10 = Chemical Spill-10
MMR = Massachusetts Military Reservation
MWh = megawatt hours
NO_x = nitrogen oxides reported in pounds
PM-10 = particulate matter with a diameter of 10 micrometers or less reported in pounds
SO_2 = sulfur dioxide reported in pounds
VOCs = volatile organic compounds reported in pounds

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

CS-10 Sandwich Road - Results:

Monitoring Wells

- Maximum TCE concentration of 42 µg/L was detected in 03MW0224E.
- TCE concentrations were generally consistent with previous sampling events; one notable decrease was observed at 03MW0209E (230 to 41 µg/L) and one notable increase was observed at 03MW2628A (ND to 4.2 µg/L).
- TCE concentrations in trailing edge well 03MP0091A decreased below the MCL for the first time (from 12 to 2.8 µg/L); previous maximum concentration of 1,500 µg/L was observed at this well in 2001.
- PCE was detected at concentrations in two wells: 03MW0206G (1.3 µg/L) and 03MW0224E (3.6 µg/L).



Legend

- CS-10 Plume Boundary (Dashed Where Inferred)
- Bog/Wetland

Contaminant Detections:

- No Detection
- Detection Below or At MCL
- Detection Above MCL

N

0 400 800 Feet

Data Source: AFCEE, MMR-AFCEE Data Warehouse

CS-10 LEADING EDGE AREA COC DETECTIONS

AFCEE - Massachusetts Military Reservation

29 September 2011 Technical Update Meeting

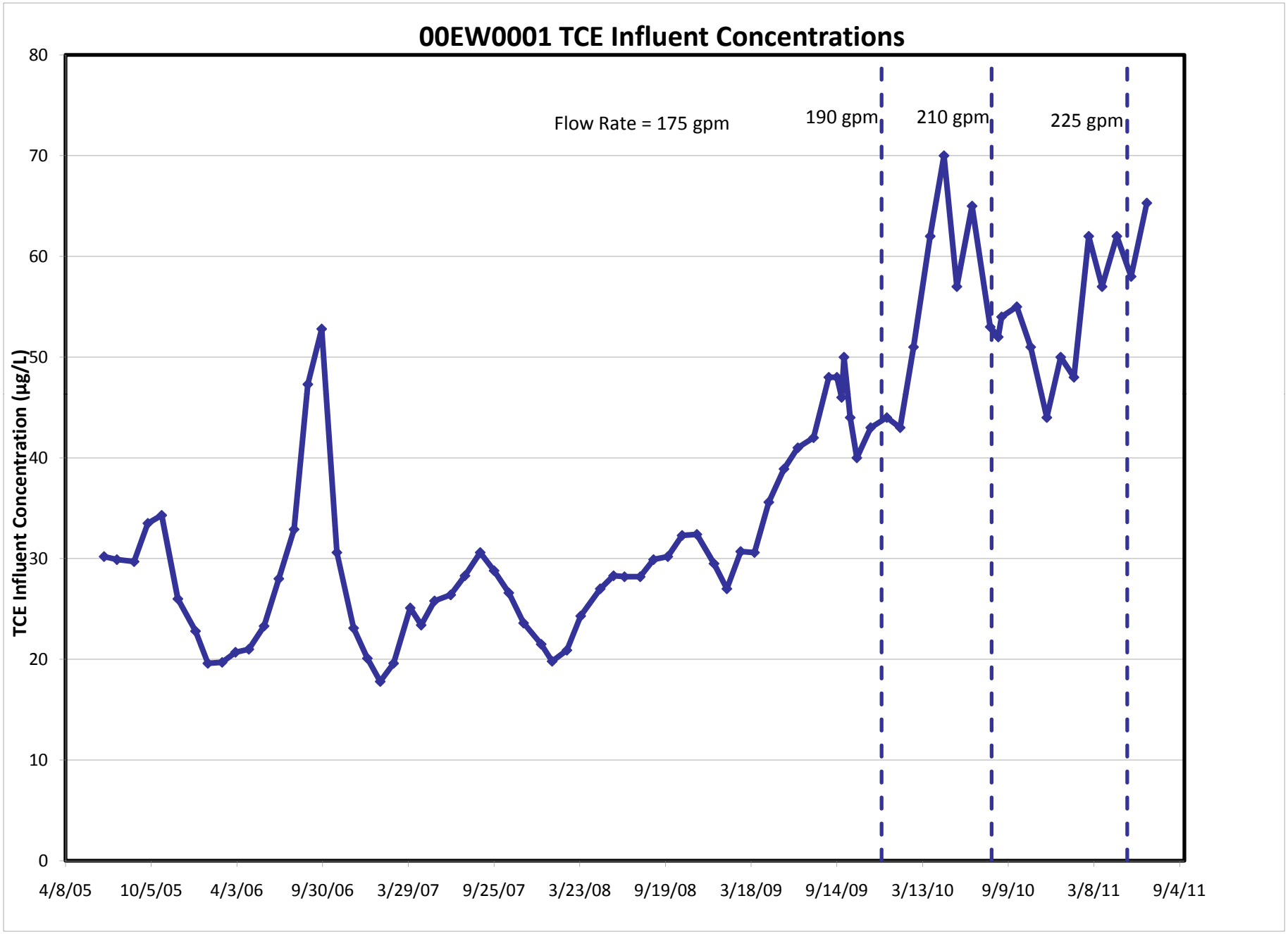
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Northern Lobe:

Plant (January to June 2011)

- Between January and June 2011 TCE influent concentrations ranged from 48.2 µg/L to 61.9 µg/L and PCE influent concentrations were BRL.
- 00EW0001 removed approximately 26.6 lbs of TCE between January and June 2011 and 300.3 lbs since system startup.
- Extraction well 00EW0001 operated at 113% of the design flow rate (190 gpm) between January and June 2011.
- Flow testing at 00EW001 is ongoing; current flow rate is 225 gpm.
- Approximately 56 million gallons of groundwater from 00EW0001 were treated at the SRTF between January and June 2011.

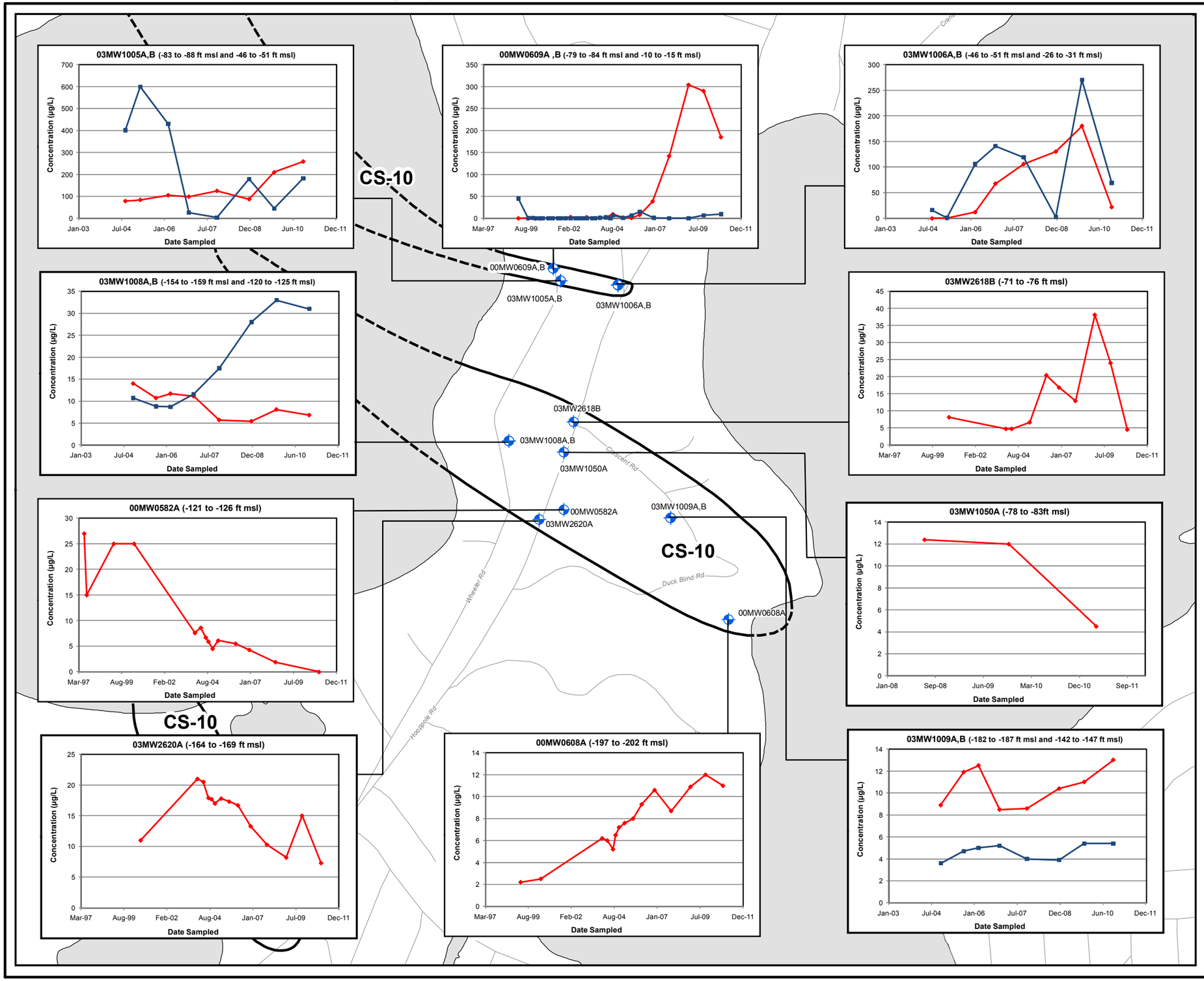

00EW0001 TCE Influent Concentrations
TCE Influent Concentration (µg/L)
80
70
60
50
40
30
20
10
0
Flow Rate = 175 gpm
190 gpm
210 gpm
225 gpm
4/8/05
10/5/05
4/3/06
9/30/06
3/29/07
9/25/07
3/23/08
9/19/08
3/18/09
9/14/09
3/13/10
9/9/10
3/8/11
9/4/11

CS-10 SPEIM/LTM
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29 September 2011 Technical Update Meeting

Northern Lobe:

Monitoring Wells/Surface Water

- TCE concentrations in the Northern Lobe fluctuated compared to concentrations detected in the previous sampling event.
- Notable increases were observed at two wells: 03MW1005A (210 to 259 µg/L) and 03MW1005B (45 to 182 µg/L).
- Notable decreases were observed at three wells: 00MW0609A (230 to 185 µg/L), 03MW1006A (180 to 22 µg/L), and 03MW1006B (270 to 69 µg/L) .
- PCE was detected above the reporting limit at two wells: 03MW1005A (1.7 µg/L) and 03MW1005B (1 µg/L).
- Surface water sample was collected from former discharge area in Johns Pond in July 2011 and TCE was not detected.



Legend

- Monitoring Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE
- TCE for Shallow (B Screen) Well Where Two Trend Lines are Presented

N

0 250 500 Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

CS-10 NORTH CENTRAL LOBE TCE CONCENTRATION TRENDS

AFCEE - Massachusetts Military Reservation

29 September 2011 Technical Update Meeting

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North Central Lobe:

- TCE concentrations exceeded the MCL in six wells at concentrations ranging from 5.4 µg/L (03MW1009B) to 31 µg/L (03MW1008B).
- TCE concentrations generally decreased; notable decreases in TCE concentrations were observed in three wells: 03MW2618B (24 to 4.5 µg/L), 03MW2620A (15 to 7.3 µg/L), and 03MW1050A (12 to 4.5 µg/L).
- PCE was detected in five wells at concentrations ranging from 1.2 µg/L (00MW0608A) to 4.7 µg/L (03MW2620A).
- PCE concentrations also generally decreased; one notable decrease was observed at 03MW2620A (9.7 to 4.7 µg/L).

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

Southern Lobe:

- TCE concentrations exceeded the MCL in three wells:

  00MW0589A (23 µg/L), 03MW1014A (35 µg/L), and 00MW0606A(8.8 µg/L).

- PCE concentrations exceeded the MCL in two wells: 00MW0589A (9.6 µg/L) and 03MW1014A (8.7 µg/L).

- Notable decreases in TCE (67 to 23 µg/L) and PCE (26 to 9.6 µg/L) concentrations were observed at 00MW0589A and in TCE at 00MW0606A (3.4 to 8.8 µg/L).

CS-10 SPEIM/LTM
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East Side of Johns Pond:

- Background: In 2003 TCE concentrations at 00MW0584A (screened from 281 to 286 ft bgs) increased from ND to 5.1 µg/L and initiated a leading edge investigation. An Eastern Lobe was delineated in 2004 based on MCL exceedances at three wells: 00MW0584A, 03MW1003B, and 03MW1011B.

- TCE concentrations decreased below MCL at 00MW0584A in 2004 and at wells 03MW1003B and 03MW1011B in 2005 and the Eastern Lobe was no longer delineated.

- In 2011, TCE concentrations at 00MW0584A increased above the MCL to 6.2 µg/L; re-sampled well in July 2011 and results were confirmed (7.6 and 6.5 µg/L).

- TCE was not detected in 03MW1003B and was BRL in 03MW1011B. Results in other monitoring wells located on the east side of Johns Pond were also consistent with the previous sampling event.

TCE Analytical Results at 00MW0584A
29 September 2011 Technical Update Meeting

Location	Analyte	Date	Result	Qualifier
00MW0584A	TRICHLOROETHENE (TCE)	6/25/1997	ND	U
00MW0584A	TRICHLOROETHENE (TCE)	3/13/1998	ND	U
00MW0584A	TRICHLOROETHENE (TCE)	3/17/1999	BRL	J
00MW0584A	TRICHLOROETHENE (TCE)	6/7/2000	BRL	J
00MW0584A	TRICHLOROETHENE (TCE)	11/5/2003	**5.1**	
00MW0584A	TRICHLOROETHENE (TCE)	1/30/2004	**5.7**	
00MW0584A	TRICHLOROETHENE (TCE)	3/4/2004	**5.8**	
00MW0584A	TRICHLOROETHENE (TCE)	6/22/2004	2.9	
00MW0584A	TRICHLOROETHENE (TCE)	8/16/2004	3.5	
00MW0584A	TRICHLOROETHENE (TCE)	11/17/2004	4.4	
00MW0584A	TRICHLOROETHENE (TCE)	3/7/2005	2.9	
00MW0584A	TRICHLOROETHENE (TCE)	9/1/2005	1.9	
00MW0584A	TRICHLOROETHENE (TCE)	3/6/2006	1.7	
00MW0584A	TRICHLOROETHENE (TCE)	11/27/2006	2.6	
00MW0584A	TRICHLOROETHENE (TCE)	7/2/2008	2.5	
00MW0584A	TRICHLOROETHENE (TCE)	3/15/2011	**6.2**	
Resample				
00MW0584A	TRICHLOROETHENE (TCE)	7/21/2011	**7.6**	S
00MW0584A	TRICHLOROETHENE (TCE)	7/21/2011	**6.5**	

Notes:

BRL = below reporting limit

J = Analyte is present but the reported value may not be accurate or precise (estimated).

U = Analyte was not detected at the specified detection limit.

S = Sample was analyzed via the screening level VOC analytical approach.

Bold values indicate MCL exceedances.

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

Conclusions:

- CS-10 plume contamination distribution is complicated, several high concentration lobes upgradient of 03EW2102 and higher concentration areas in the areas of extraction wells 03EW2103, 03EW2104, and 03EW2105 have been identified. MCL exceedances have also been detected outside the current CS-10 plume boundary.
- Based on the draft revised 2011 plume shell, the CS-10 In-Plume system is still meeting RAO's and contamination located to the east of the current plume boundary is located within the Sandwich Road capture zone.
- Maximum TCE concentrations are located upgradient of 03EW2102 and 03EW2105, influent concentrations at 03EW2102 remain consistently high.
- TCE concentrations at 03EW2106 and in the area of 03EW2106 support taking this well out of operation.
- Higher concentrations previously detected downgradient of 03EW2111 have decreased and contamination appears to have migrated downgradient of the base boundary toward 03EW2112.

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

Conclusions (continued):

- Contamination has migrated past the base boundary to the east of the Sandwich Road fence. Eastern wells 03EW2176 and 03EW2177 have been turned back on while a data gap investigation is ongoing in this area.
- TCE influent concentrations at the Northern Lobe extraction well (00EW0001) are consistent with high TCE concentrations in upgradient wells; the extraction well is containing the plume and operating as designed.
- Concentrations in the North Central Lobe and the Southern Lobe are consistent with previous results indicating the overall delineation of these leading edge lobes are adequately characterized.
- TCE concentrations at one well on the east side of Johns Pond (00MW0584A) increased above the MCL. This well is screened above bedrock, contamination at this location will not have any impact on the Mashpee Water Supply well. TCE concentrations at other monitoring wells in this area were consistent with previous sampling events.

CS-10 SPEIM/LTM
Biennial Data Presentation
29 September 2011 Technical Update Meeting

Recommendations:

- Reduce sampling frequency of semiannual southern trench area wells to annual. CS-10 extraction wells would still be sampled semiannually.
- Continue groundwater sampling at selected ISCO pilot test wells to further evaluate the concentration trends for TCE, selected metals, and TDS.
- Continue operating Sandwich Road extraction wells 03EW2176 and 03EW2177 at interim flow rates (75 and 50 gpm, respectively).
- Continue operating 00EW0001 at the higher flow rate (225 gpm) until influent concentrations decrease.
- Increase sampling frequency of 00MW0584A from biennial to annual.
- Revise the plume boundary and finalize the TCE plume shell after the data gap investigation is completed.

ATTACHMENT B

Proposed CS-10 SPEIM/LTM Chemical Monitoring Network

Attachment B:
Proposed CS-10 SPEIM/LTM Chemical Monitoring Network

Location	Upgradient, plume changes, potential optimization	Downgradient, or outside plume boundary, effective system operation	Trailing Edge, verify model predictions	Monitoring in Main Body of Plume	Mass Removal	Leading Edge, verify model predictions	Plume Boundary Well	Sentry Well	Current Frequency	Proposed Frequency	Parameters
CS-10 Source Area Groundwater Sampling Information											
03DP0029A			✓				✓		A	A	VOC
03DP0030A			✓				✓		A	A	VOC
03MW0020			✓				✓		A	A	VOC
03MW0021A			✓				✓		A	A	VOC
03MW0022A			✓				✓		BE	BE	VOC
03MW0023A			✓				✓		A	A	VOC
03MW0024A			✓				✓		BE	BE	VOC
03UW0025B			✓				✓		A	A	VOC
03UW0027-098			✓				✓		A	A	VOC
CS-10 In-Plume Groundwater Sampling Information											
03DP0033A				✓					SA	A*	VOC
03DP0034A				✓					A	A	VOC
03DP0035A				✓					SA	A*	VOC
03DP0037A		✓							SA	A*	VOC
03DP0037B		✓							SA	A*	VOC
03DP0038A		✓							SA	A*	VOC
03DP0039A				✓			✓		A	A	VOC
03DP0039B				✓			✓		A	A	VOC
03DP0039C				✓			✓		SA	A*	VOC
03DP0041A				✓			✓		A	A	VOC
03EW2102	✓				✓				SA	SA	VOC
03EW2103	✓				✓				SA	SA	VOC
03EW2104	✓				✓				SA	SA	VOC
03EW2105	✓				✓				SA	SA	VOC
03EW2106	✓				✓				SA	SA	VOC
03EW2107	✓				✓				SA	SA	VOC
03EW2109	✓				✓				SA	SA	VOC
03EW2110	✓				✓				SA	SA	VOC
03EW2111	✓				✓				SA	SA	VOC
03EW2112	✓				✓				SA	SA	VOC
03MW0028A	✓				✓				A	A	VOC
03MW0028C	✓				✓				A	A	VOC
03MW0029A	✓			✓					BE	BE	VOC
03MW0029B	✓			✓					BE	BE	VOC
03MW0029Z	✓			✓					BE	BE	VOC
03MW0030A	✓			✓					A	A	VOC
03MW0031	✓			✓					A	A	VOC
03MW0032	✓			✓					A	A	VOC
03MW0033	✓			✓					BE	BE	VOC
03MW0034							✓		BE	BE	VOC
03MW0035				✓					A	A	VOC
03MW0036				✓			✓		A	A	VOC
03MW0040B		✓							BE	BE	VOC
03MW0041B				✓					BE	BE	VOC
03MW0043A							✓		A	A	VOC

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Location	Upgradient, plume changes, potential optimization	Downgradient, or outside plume boundary, effective system operation	Trailing Edge, verify model predictions	Monitoring in Main Body of Plume	Mass Removal	Leading Edge, verify model predictions	Plume Boundary Well	Sentry Well	Current Frequency	Proposed Frequency	Parameters
03MW0045	✓			✓					A	A	VOC
03MW0045A	✓			✓					BE	BE	VOC
03MW0045Z	✓			✓					BE	BE	VOC
03MW0046	✓			✓					A	A	VOC
03MW0048							✓		BE	BE	VOC
03MW0049							✓		BE	BE	VOC
03MW0052A	✓			✓					A	A	VOC
03MW0052B	✓						✓		A	A	VOC
03MW0062				✓					A	A	VOC
03MW0069	✓			✓					BE	BE	VOC
03MW0070A	✓			✓					BE	BE	VOC
03MW0070B	✓			✓					BE	BE	VOC
03MW0075		✓					✓		BE	BE	VOC
03MW0079	✓			✓					BE	BE	VOC
03MW0081		✓					✓		BE	BE	VOC
03MW0082		✓					✓		BE	BE	VOC
03MW0083							✓		A	A	VOC
03MW0086		✓					✓		BE	BE	VOC
03MW0089		✓					✓		BE	BE	VOC
03MW0095A	✓								SA	A*	VOC
03MW0096	✓			✓					BE	BE	VOC
03MW0097	✓			✓					BE	BE	VOC
03MW0100A		✓							BE	BE	VOC
03MW0101B							✓		BE	BE	VOC
03MW0102B		✓					✓		BE	BE	VOC
03MW0106B	✓			✓					BE	BE	VOC
03MW0107B	✓				✓				A	A	VOC
03MW0109A	✓			✓					BE	BE	VOC
03MW0109B	✓			✓					A	A	VOC
03MW0110A	✓			✓					BE	BE	VOC
03MW0110B	✓			✓					BE	BE	VOC
03MW0111A							✓		BE	BE	VOC
03MW0111B							✓		BE	BE	VOC
03MW0112A							✓		BE	BE	VOC
03MW0112B							✓		A	A	VOC
03MW0113A				✓					BE	BE	VOC
03MW0113B				✓					BE	BE	VOC
03MW0116B	✓			✓					A	A	VOC
03MW0117A	✓			✓					A	A	VOC
03MW0117B	✓			✓					A	A	VOC
03MW0118B							✓		BE	BE	VOC
03MW1012A	✓			✓					BE	BE	VOC
03MW1012B	✓			✓					A	A	VOC
03MW1013A		✓							BE	BE	VOC
03MW1013B		✓							SA	A*	VOC
03MW1016A		✓							BE	BE	VOC
03MW1016B		✓							SA	A*	VOC
03MW1017A		✓							BE	BE	VOC
03MW1017B		✓							SA	A*	VOC

Attachment B:
Proposed CS-10 SPEIM/LTM Chemical Monitoring Network

Location	Upgradient, plume changes, potential optimization	Downgradient, or outside plume boundary, effective system operation	Trailing Edge, verify model predictions	Monitoring in Main Body of Plume	Mass Removal	Leading Edge, verify model predictions	Plume Boundary Well	Sentry Well	Current Frequency	Proposed Frequency	Parameters
03MW1018A				✓					SA	A*	VOC
03MW1018B				✓					SA	A*	VOC
03MW1019A		✓					✓		A	A	VOC
03MW1019B		✓					✓		A	A	VOC
03MW1020A								✓	BE	BE	VOC
03MW1020B								✓	A	A	VOC
03MW1021A				✓				✓	BE	BE	VOC
03MW1021B				✓				✓	BE	BE	VOC
03MW1022A		✓							A	A	VOC
03MW1022B		✓							SA	A*	VOC
03MW1023B						✓			BE	BE	VOC
03MW1023C						✓			SA	A*	VOC
03MW1024A				✓					A	A	VOC
03MW1024C				✓					BE	BE	VOC
03MW1024E				✓					A	A	VOC
03MW1024G				✓					BE	BE	VOC
03MW1025A				✓					A	A	VOC, EDB
03MW1025B				✓					SA	A*	VOC, EDB
03MW1026A		✓							SA	A*	VOC, EDB
03MW1027A				✓					SA	A*	VOC
03MW1028A				✓					A	A	VOC
03MW1028B				✓					A	A	VOC
03MW1029A								✓	BE	BE	VOC
03MW1029B								✓	A	A	VOC
03MW1030A		✓							SA	A*	VOC
03MW1030B		✓							SA	A*	VOC
03MW1031A								✓	SA	A*	VOC
03MW2105A	✓			✓					BE	BE	VOC
03MW2106A	✓			✓					BE	BE	VOC
03MW2108A	✓			✓					A	A	VOC
03MW2111B	✓			✓					A	A	VOC
03MW2117A	✓			✓					BE	BE	VOC
03MW2117B	✓			✓					BE	BE	VOC
03MW2118A							✓		BE	BE	VOC
03MW2119A							✓		BE	BE	VOC
03MW2119B	✓						✓		A	A	VOC
03MW2120A		✓					✓		BE	BE	VOC
03MW2121A	✓			✓					A	A	VOC
03MW2122A	✓				✓				A	A	VOC
03MW2124A	✓								BE	BE	VOC
03MW2141A		✓							BE	BE	VOC
03MW2145A	✓			✓					A	A	VOC
03MW2148A	✓			✓					BE	BE	VOC
03MW2149A	✓			✓					A	A	VOC
03MW2150A	✓			✓					A	A	VOC
03MW2152A	✓			✓					BE	BE	VOC
03MW2153A	✓			✓					A	A	VOC

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Proposed CS-10 SPEIM/LTM Chemical Monitoring Network

Location	Upgradient, plume changes, potential optimization	Downgradient, or outside plume boundary, effective system operation	Trailing Edge, verify model predictions	Monitoring in Main Body of Plume	Mass Removal	Leading Edge, verify model predictions	Plume Boundary Well	Sentry Well	Current Frequency	Proposed Frequency	Parameters
03MW2406A		✓							BE	BE	VOC
03MW2407A		✓							A	A	VOC
03MW2408A	✓			✓					BE	BE	VOC
03MW2408B	✓			✓					BE	BE	VOC
03MW2409A		✓							BE	BE	VOC
03MW2414A		✓							BE	BE	VOC
03MW2414B		✓							A	A	VOC
03MW2602A		✓					✓		BE	BE	VOC
03MW2604A							✓		BE	BE	VOC
03MW2607A							✓		BE	BE	VOC
03MW2608A	✓				✓				A	A	VOC
03MW2609A	✓			✓					A	A	VOC
03MW2610A	✓			✓					SA	A*	VOC
03MW2611A		✓							BE	BE	VOC
03MW2612A		✓							BE	BE	VOC
03MW2613B		✓							BE	BE	VOC
03MW2629A	✓			✓					A	A	VOC
03MW2630A		✓						✓	A	A	VOC
03MW2630B		✓							SA	A*	VOC
03MW2631A	✓			✓					SA	A*	VOC
30MW0316A		✓						✓	A	A	VOC
30MW0416Z	✓			✓					BE	BE	VOC
30MW0425Z		✓							A	A	VOC
38MW0061	✓			✓					A	A	VOC
38MW0062	✓			✓					A	A	VOC
38MW0063	✓			✓					SA	A*	VOC
69MW1521A		✓							BE	BE	VOC
USFW230127		✓						✓	A	A	VOC
CS-10 Southern Trench Area Wells											
03MW0041	✓			✓					A	A	VOC
03MW0063							✓		BE	BE	VOC
03MW0102A							✓		BE	BE	VOC
03MW0103B							✓		BE	BE	VOC
03MW0103C							✓		BE	BE	VOC
03MW1039A							✓		A	A	VOC
03MW1039B				✓					A	A	VOC
03MW1058A	✓					✓			SA	A*	VOC
03MW1058B	✓					✓			SA	A*	VOC
03MW1058C	✓					✓			SA	A*	VOC
03MW1059A								✓	A	A	VOC
03MW1059B								✓	A	A	VOC
03MW1059C								✓	A	A	VOC
03MW2109A	✓			✓					SA	A*	VOC
03MW2110A	✓			✓					A	A	VOC
03MW2160A	✓			✓					BE	BE	VOC
03MW2403A							✓		A	A	VOC
30MW0316B							✓		BE	BE	VOC

Attachment B:
Proposed CS-10 SPEIM/LTM Chemical Monitoring Network

Location	Upgradient, plume changes, potential optimization	Downgradient, or outside plume boundary, effective system operation	Trailing Edge, verify model predictions	Monitoring in Main Body of Plume	Mass Removal	Leading Edge, verify model predictions	Plume Boundary Well	Sentry Well	Current Frequency	Proposed Frequency	Parameters
30MW0416Y	✓			✓					BE	BE	VOC
30MW0587A							✓		BE	BE	VOC
95MW0107A							✓		BE	BE	VOC
95MW0108B							✓		BE	BE	VOC
95MW0109A							✓		SA	A*	VOC
USFW236141							✓		BE	BE	VOC
USFW343129							✓		BE	BE	VOC
USFW343145							✓		SA	A*	VOC
USFW347116							✓		BE	BE	VOC
USFW347131							✓		A	A	VOC
USFW347145							✓		BE	BE	VOC
USFW383106							✓		BE	BE	VOC
USFW383129							✓		SA	A*	VOC
USFW564138							✓		BE	BE	VOC
USFW572146							✓		BE	BE	VOC
USFW577142							✓		SA	A*	VOC
USFW586143							✓		BE	BE	VOC
USSD475135							✓		BE	BE	VOC
USSD517139							✓		BE	BE	VOC
USSD518139							✓		BE	BE	VOC
CS-10 Sandwich Road Groundwater Sampling Information											
03DP0019A							✓		A	A	VOC
03DP0019B							✓		A	A	VOC
03EW2171	✓				✓				SA	SA	VOC
03EW2172	✓				✓				SA	SA	VOC
03EW2173	✓				✓				SA	SA	VOC
03EW2174	✓				✓				SA	SA	VOC
03EW2175	✓				✓				SA	SA	VOC
03EW2176	✓				✓				SA	M*	VOC
03EW2177							✓		A	M*	VOC
03MP0091A			✓				✓		A	A	VOC
03MP0091B			✓				✓		BE	BE	VOC
03MP0091C			✓				✓		A	A	VOC
03MP0091D			✓				✓		BE	BE	VOC
03MP0091E			✓				✓		BE	BE	VOC
03MW0053	✓			✓					BE	BE	VOC
03MW0054A		✓							BE	BE	VOC
03MW0057A	✓			✓					BE	BE	VOC
03MW0061			✓				✓		A	A	VOC
03MW0064							✓		BE	BE	VOC
03MW0104A	✓						✓	✓	A	A	VOC
03MW0104B	✓							✓	A	A	VOC
03MW0114A	✓			✓					BE	BE	VOC
03MW0202D	✓			✓					BE	BE	VOC
03MW0204F	✓			✓					BE	BE	VOC
03MW0206F	✓			✓					BE	BE	VOC
03MW0206G	✓			✓					BE	BE	VOC

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Proposed CS-10 SPEIM/LTM Chemical Monitoring Network

Location	Upgradient, plume changes, potential optimization	Downgradient, or outside plume boundary, effective system operation	Trailing Edge, verify model predictions	Monitoring in Main Body of Plume	Mass Removal	Leading Edge, verify model predictions	Plume Boundary Well	Sentry Well	Current Frequency	Proposed Frequency	Parameters
03MW0208E	✓			✓					BE	BE	VOC
03MW0209C	✓						✓		BE	BE	VOC
03MW0209E	✓								BE	BE	VOC
03MW0209F	✓								BE	BE	VOC
03MW0210D	✓								BE	BE	VOC
03MW0214F		✓					✓		BE	BE	VOC
03MW0214G							✓		BE	BE	VOC
03MW0220E	✓								BE	BE	VOC
03MW0224C	✓			✓					BE	BE	VOC
03MW0224E	✓			✓					BE	BE	VOC
03MW1038A	✓							✓	A	A	VOC
03MW2402A							✓		BE	BE	VOC
03MW2412A		✓							NM	SA*	VOC
03MW2412B		✓							NM	SA*	VOC
03MW2413A		✓							BE	BE	VOC
03MW2413B		✓							A	A	VOC
03MW2628A		✓							BE	BE	VOC
Northern Lobe Groundwater Sampling Information											
00MW0521A							✓		BE	BE	VOC
00MW0605A							✓		BE	BE	VOC
00MW0609A	✓			✓					A	A	VOC
00MW0609B	✓			✓					A	A	VOC
00MW0621A							✓		BE	BE	VOC
03MW1005A	✓			✓					A	A	VOC
03MW1005B	✓			✓					A	A	VOC
03MW1006A	✓			✓					A	A	VOC
03MW1006B	✓			✓					A	A	VOC
CS-10 Leading Edge Groundwater Sampling Information											
00MW0565							✓		BE	BE	VOC
00MW0581B							✓		BE	BE	VOC
00MW0582A				✓					BE	BE	VOC
00MW0583A								✓	BE	BE	VOC
00MW0583B								✓	BE	BE	VOC
00MW0583D								✓	BE	BE	VOC
00MW0584A							✓		BE	A*	VOC
00MW0584B			✓						BE	BE	VOC
00MW0589A			✓	✓					A	A	VOC
00MW0590A								✓	BE	BE	VOC
00MW0590B								✓	BE	BE	VOC
00MW0591A								✓	BE	BE	VOC
00MW0591B								✓	BE	BE	VOC
00MW0606A						✓	✓		A	A	VOC
00MW0607A							✓		BE	BE	VOC
00MW0608A						✓			A	A	VOC
00MW0608B							✓		BE	BE	VOC
03MW1001A								✓	BE	BE	VOC

Attachment B:
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Location	Upgradient, plume changes, potential optimization	Downgradient, or outside plume boundary, effective system operation	Trailing Edge, verify model predictions	Monitoring in Main Body of Plume	Mass Removal	Leading Edge, verify model predictions	Plume Boundary Well	Sentry Well	Current Frequency	Proposed Frequency	Parameters
03MW1001B								✓	BE	BE	VOC
03MW1002A								✓	BE	BE	VOC
03MW1002B								✓	BE	BE	VOC
03MW1003A							✓		BE	BE	VOC
03MW1003B			✓				✓		A	A	VOC
03MW1004A							✓		BE	BE	VOC
03MW1004B							✓		BE	BE	VOC
03MW1008A				✓					A	A	VOC
03MW1008B				✓					A	A	VOC
03MW1009A				✓					A	A	VOC
03MW1009B				✓					A	A	VOC
03MW1011A							✓		BE	BE	VOC
03MW1011B						✓			A	A	VOC
03MW1014A				✓					A	A	VOC
03MW1015A							✓		A	A	VOC
03MW1050A				✓					A	A	VOC
03MW1050B							✓		A	A	VOC
03MW2617A							✓		BE	BE	VOC
03MW2617B							✓		BE	BE	VOC
03MW2618A							✓		BE	BE	VOC
03MW2618B				✓					A	A	VOC
03MW2620A				✓					A	A	VOC
03MW2620B							✓		BE	BE	VOC
03MW2621A								✓	BE	BE	VOC
03MW2621B								✓	BE	BE	VOC
03MW2622A							✓		BE	BE	VOC
03MW2624A								✓	BE	BE	VOC
03MW2624B								✓	BE	BE	VOC
03MW2625A								✓	BE	BE	VOC
03MW2625B								✓	BE	BE	VOC
03MW2626A								✓	BE	BE	VOC
03MW2626B								✓	BE	BE	VOC

Key:
A = annually
BE = biennially
CS-10 = Chemical Spill-10
EDB = ethylene dibromide
LTM = long term monitoring
M = monthly
NM = not measured
SA = semiannually
VOC = volatile organic compound

Note: "*" indicates proposed change in frequency

CH2MHILL	PROJECT NOTE	TASK ORDER 0300
		PROJECT NO. 420005
AFCEE **SPEIM/LTM/O&M** **Otis ANG Base, Massachusetts** **Contract FA8903-08-D-8769-0300**	**DOCUMENT CONTROL NUMBER: 420005-SPEIM-CS10-PRJNOT-002 CDRL A001k**	PAGE 1 OF 14

Confirmation Of:		Date Held:	N/A
☐	Meeting	Location:	N/A
☐	Change Notice	Date Issued:	30 March 2012
☒	General Project Note	Recorded By:	Mary O'Reilly
Subject: **CS-10 2011 SOUTHERN TRENCH AREA OPTIMIZATION** EPA OU#21-OU 01H – CS-10 GW IN-PLUME		Issued By:	Nigel Tindall CH2M HILL TECHNICAL SERVICE GROUP MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** This project note presents a summary of the field program and modeling evaluation completed for optimizing the operation of Chemical Spill-10 (CS-10) southern trench extraction well 03EW2112. Extraction well 03EW2112 began operation in February 2009 at the pumping configuration described in the *CS-10 2008 Southern Trench System Optimization Project Note* (AFCEE 2009b). Plume and performance monitoring data indicated the leading edge of the CS-10 plume in this southern trench area had not yet reached extraction well 03EW2112 and the well was temporarily turned off in April 2009. Reinjection well 03RI2112, which was installed as part of the southern trench system, has been operating at its original design flow rate since it began operation in February 2009. This reinjection well is part of the CS-10 In-Plume system and was not addressed during this recent optimization effort. A field program to help determine when the leading edge of the plume had migrated to 03EW2112 and to collect the data needed to evaluate optimized scenarios for operation of 03EW2112 was initiated in 2009 and continued through 2010 (AFCEE 2010 and 2011b). A focused update of the 2007 trichloroethene (TCE) plume shell for the southern trench area was completed using more recent 2010 results. This updated plume shell was used with the CS-10 2007 groundwater model to predict system performance and plume migration for various operational scenarios for 03EW2112. A proposed operating scenario for 03EW2112, which included a flow rate of 100 gallons per minute (gpm) with a packered configuration, was presented to the regulatory agencies at the 15 December 2010 Technical Update meeting (Attachment A); the agencies agreed with the recommendation and 03EW2112 began operating at the optimized scenario on 19 January 2011. With this revised flow rate, a recommendation to reassess the reinjection scenario to minimize hydraulic impacts on nearby areas of concern including the U.S. Geological Survey (USGS) Tracer Test Site and the phosphorus plume associated with the operations of the former Massachusetts Military Reservation (MMR) sewage treatment plant was presented at the 15 December 2010 Technical Update meeting (Attachment A). The Ashumet Valley source area and the Thallium and Manganese Long Term Monitoring area are also located in

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	the vicinity of extraction well 03EW2112 but impacts to these two areas were not specifically evaluated. Groundwater modeling was completed to determine the appropriate CS-10 Sandwich Road reinjection scenario to limit potential hydraulic influence to the groundwater flow field in the southern trench area under the new operating condition for 03EW2112. Recent changes to the operating conditions at the CS-10 Sandwich Road extraction fence (i.e., operation of 03EW2176 in June 2011 and 03EW2177 in January 2011) were also evaluated as part of this optimization. Results from this modeling evaluation and recommendations for the appropriate operation of the CS-10 Sandwich Road reinjection wells are also included in this project note.
2.0	**BACKGROUND** The contaminants of concern (COCs) for the CS-10 plume are TCE and tetrachloroethene (PCE). The Federal Maximum Contaminant Level (MCL) for both compounds is 5 micrograms per liter (µg/L). Three treatment systems were designed to remediate the CS-10 plume: (1) the CS-10 Sandwich Road extraction, treatment, and reinjection (ETR) system; (2) the CS-10 In-Plume extraction, treatment, and infiltration (ETI) system; and (3) the Northern Lobe (i.e., the northernmost leading edge lobe) extraction well (**Figure 1**) (AFCEE 2011b). Increasing TCE concentrations in CS-10 monitoring wells located in the southern trench area, outside the remedial system capture zone, prompted the need for a data gap investigation that was completed in 2007 (AFCEE 2008). Modeling efforts to evaluate pumping alternatives to address contamination in the CS-10 southern trench area were completed in 2008 (AFCEE 2009b). The selected pumping alternative included: (1) the installation of a new extraction well (03EW2112) at the leading edge of the southern Trench lobe which was connected to the Sandwich Road ETR system, (2) the installation of a new reinjection well (03RI2112) southeast of 03EW2111 which was connected to the CS-10 In-Plume southern infiltration trench, and (3) modification of the Sandwich Road and CS-10 In-Plume extraction and reinjection/infiltration well flow rates. The new extraction well (03EW2112) and reinjection well (03RI2112) were installed in 2008 and the system optimization was implemented in February 2009. Extraction well 03EW2112, which is screened from -90 to -150 feet mean sea level (ft msl), began operation on 19 February 2009 at 290 gpm. Increased sampling of selected southern trench area monitoring wells and influent sampling of 03EW2112 was completed in 2009 in conjunction with the startup of the CS-10 southern trench optimization (AFCEE 2009b). Plume and performance monitoring data indicated that the leading edge of the plume had not yet reached the extraction well and on 17 April 2009 extraction well 03EW2112 was temporarily taken out of operation. Although PCE is also a COC for the CS-10 plume, PCE contamination is not prevalent in the southern trench area; therefore, PCE contamination is not discussed further in this project note.

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3.0	**INVESTIGATION ACTIVITIES AND RESULTS** The field program to support optimization of 03EW2112 was completed between February 2009 and December 2010. Field activities for this investigation included two synoptic water level surveys, groundwater sampling and analysis, completion of two rotosonic borings (03MW1058A and 03MW1059A), installation of six monitoring well screens (03MW1058A,B,C and 03MW1059A,B,C), a well location and elevation survey, and flow testing at 03EW2112. All field activities were completed in accordance with the Quality Assurance Project Plan (QAPP) for the MMR SPEIM/LTM/O&M Program (AFCEE 2011a).
3.1	**Synoptic Water Level Surveys** Two synoptic water level surveys of approximately 150 monitoring locations in the southern trench area were completed. Water levels were manually measured at these locations on 11-12 February 2009 prior to the startup of 03EW2112 (Scenario 56 operating conditions) and on 16 April 2009, approximately one month after startup of 03EW2112 (2009 Scenario 01 operating conditions). The hydraulic monitoring locations, well construction information, and groundwater elevations are included in **Attachment B**. These hydraulic data were used with the 2007 CS-10 groundwater flow model (AFCEE 2008) and the three-dimensional Residual Analysis Method (RAM) technique (AFCEE 2004, Appendix E) to evaluate the ability of the 2007 CS-10 groundwater flow model to simulate plume capture and the overall groundwater flow field in the southern trench area. The RAM analysis results verified that simulated water levels matched measured water levels reasonably well and that the CS-10 groundwater flow model adequately predicts the flow field and extent of hydraulic capture by the CS-10 remedial system in the southern trench area. The results of the RAM analysis indicated that: (1) the model may under estimate the western extent of hydraulic capture generated by the Sandwich Road extraction wells and may under estimate hydraulic capture in the area between extraction wells 03EW2109 and 03EW2111 and, (2) the model may over estimate hydraulic capture to the west and northwest of extraction well 03EW2111 in the deeper portion of the aquifer. A summary of the RAM analysis results is presented in **Attachment B**.
3.2	**Groundwater Sampling – 2009** Monitoring well cluster 03MW1046A,B,C, which is installed adjacent to extraction well 03EW2112 (**Figure 2**), was sampled prior to startup of 03EW2112 on 16 February 2009. TCE was not detected at 03MW1046A (screened from -148.5 to -153.5 ft msl) or at 03MW1046B (screened from -74 to -79 ft msl), and TCE concentrations were below the reporting limit (BRL) at 03MW1046C (screened from -52 to -57 ft msl). Well construction information is included in **Table 1** and groundwater analytical results for the COCs are presented in **Table 2**. Influent samples were collected from 03EW2112 on 26 February 2009 and on 14 April 2009, during operation at the design flow rate of 290 gpm, and TCE concentrations were BRL on both sampling dates (**Table 2**). Extraction well 03EW2112 was temporarily taken out of operation on 17 April 2009 because the data indicated the plume had not yet reached the immediate capture zone of the extraction well.

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	Following the shutdown of 03EW2112, the sampling program was modified to include quarterly sampling of the 03MW1046A,B,C monitoring well cluster to help determine when the leading edge of the plume had migrated to the vicinity of the extraction well. The wells were sampled again in June 2009 and November 2009. TCE was not detected in 03MW1046A, concentrations were BRL in 03MW1046B, and concentrations increased from BRL to 3.9 µg/L in 03MW1046C (Table 2). The increase in TCE concentration in the shallowest screen (03MW1046C) indicated that the leading edge of the plume may be approaching extraction well 03EW2112.
3.3	**Drilling Program** Between October 2009 and November 2009, two sonic borings were completed on Currier Road, north (03MW1058A) and south (03MW1059A) of southern trench extraction well 03EW2112, to assist in determining if contamination has migrated to the area of 03EW2112 and to install performance monitoring wells. Groundwater vertical profile samples were collected at 10-foot intervals from the water table to refusal for volatile organic compound (VOC) analysis and continuous soil samples were collected from the water table to bedrock for lithologic classification. Three monitoring wells were installed at each location to serve as upgradient (03MW1058A,B,C) and downgradient (03MW1059A,B,C) performance monitoring wells for 03EW2112 (Figure 2). The newly installed monitoring wells were surveyed for horizontal and vertical position. Soil boring logs, water sampling logs, and well construction diagrams are included in Attachment C. Groundwater vertical profiling results for 03MW1058A and 03MW1059A are summarized in Tables 3 and 4, respectively. TCE was detected above the reporting limit in two groundwater samples collected between 125 and 140 ft bgs (-65 to -80 ft msl) at boring 03MW1058A (located north and hydraulically upgradient of 03EW2112), at concentrations of 25 and 19 µg/L. These data indicate that the leading edge of the TCE plume is limited in vertical extent and had migrated past monitoring well 03MW1058A as of October 2009. One monitoring well was installed at this elevation (03MW1058C) and two deeper monitoring wells (03MW1058A,B) were installed at elevations where contamination has been detected further upgradient in the southern trench area. A baseline sampling of the newly installed wells was completed in April/May 2010 and TCE concentrations were consistent with vertical profiling results (Tables 2 and 3). TCE was detected at low level (sub-MCL) concentrations (2.2 and 2.6 µg/L) in two groundwater samples collected between 155 and 170 ft bgs (-100 to -115 ft msl) at boring 03MW1059A (located south and hydraulically downgradient of 03EW2112). One monitoring well was installed at this elevation (03MW1059B) and two additional well screens (03MW1059A,C) were installed at elevations where contamination had been detected further upgradient. A baseline sampling of the newly installed wells was completed in May 2010 and TCE concentrations were consistent with vertical profiling results (Tables 2 and 4).

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3.4	**Groundwater Sampling – 2010 and 2011** Selected southern trench monitoring wells were sampled in June 2010 during the CS-10 SPEIM semiannual sampling event (AFCEE 2011c), and between October 2010 and April 2011 as part of the CS-10 SPEIM biennial sampling event (AFCEE 2012a). Well construction information is included in Table 1 and groundwater analytical results for the COCs are presented in Table 2. The TCE concentration detected in newly installed monitoring well 03MW1058C (21 µg/L at -67.5 ft msl) in April 2010 was similar but slightly lower than the TCE concentrations detected in nearby upgradient monitoring wells during the June 2010 semiannual sampling event: 95MW0109A (47 µg/L at -65.5 ft msl), 03MW1023C (33 µg/L at -72.1 ft msl), USFW383129 (32 µg/L at -63 ft msl), and USFW343145 (43 µg/L at -74.8 ft msl) (Table 2 and Figure 2). These four wells are the closest upgradient monitoring wells to 03MW1058C which are screened at a similar elevation range (Table 1), and have TCE concentrations that exceed the MCL of 5 µg/L (Table 2). All five monitoring wells were sampled again in February/March 2011 as part of the 2010/2011 biennial sampling event (AFCEE 2012a). TCE concentrations increased at 03MW1023C (from 33 to 63 µg/L), 95MW0109A (from 47 to 55 µg/L), and USFW383129 (from 32 to 42 µg/L); and TCE concentrations decreased at USFW343145 (from 43 to 37 µg/L) (Table 2). A significant decrease, to concentrations below the MCL, was observed at 03MW1058C (from 21 to 1.5 µg/L) (Table 2). TCE concentration trends at selected southern trench monitoring wells are presented in Figure 3. The delineation of TCE contamination in the southern trench/03EW2112 area is presented in cross-sectional view (Figures 4 and 5) and illustrates the extent of contamination (elevation and concentration range) migrating toward extraction well 03EW2112. TCE contamination is limited in vertical extent and is focused in the shallower portion of the aquifer, from approximately -40 to -80 ft msl (Figure 5). TCE concentrations at 03MW1013B, located along the upgradient portion of cross-section A-A' (Figure 5), have decreased from a historical maximum concentration of 76 µg/L in 2005 to BRL in 2011 (Table 2 and Figure 3). In contrast TCE concentrations in several wells located downgradient of the base boundary have generally increased; for example, TCE concentrations at downgradient well 03MW1023C (Figure 5) have increased from 4.5 µg/L (sub-MCL) in 2009 to 63 µg/L in 2011 (Table 2 and Figure 3). Operation of upgradient CS-10 extraction well 03EW2111 has likely reduced the downgradient migration of CS-10 contamination in this area since TCE concentrations in monitoring wells located downgradient (i.e., south) of 03EW2111 and north of the base boundary have generally decreased. Based on observed increases in TCE concentrations in monitoring wells located south of the base boundary (Figure 3), contaminant mass appears to be migrating downgradient of the base boundary toward 03EW2112.

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3.5	**Flow Testing at Extraction Well 03EW2112** Vertical profiling results collected from 03MW1058A in November 2009 (Table 3) indicated the plume was at or near the immediate capture zone for 03EW2112. An initial flow test at 03EW2112 was completed between December 2009 and March 2010 to evaluate the potential for optimizing this extraction well. Influent samples were collected from extraction well 03EW2112 at increasing flow rates ranging from 65 to 290 gpm. TCE was not detected above the reporting limit of 1 µg/L in influent samples collected from 03EW2112 at any of the flow rates tested (Table 5). Upgradient monitoring well sampling results and groundwater vertical profiling results at 03MW1058A indicated that contamination upgradient of 03EW2112 was focused shallower in the aquifer, between approximately -65 and -80 ft msl. Therefore, a second flow test with a packered configuration to focus extraction shallower in the aquifer was completed between June 2010 and September 2010. The bottom 40 ft of the extraction screen was blocked with a packer and influent samples were collected from extraction well 03EW2112 at increasing flow rates ranging from 65 to 290 gpm. TCE influent concentrations ranged from 1.0 to 1.2 µg/L (Table 5), approximately doubling the TCE concentrations from the first flow test. Although there was little difference in influent concentrations for the various flow rates tested under the packered configuration, the data did support the belief that the contamination upgradient of 03EW2112 is located shallower in the aquifer. The three flow rates with the higher TCE influent concentrations (100, 150, and 200 gpm) were selected for further evaluation to assist in determining an appropriate flow rate for 03EW2112.
4.0	**GROUNDWATER MODELING** In order to use the most current available contaminant data for this optimization effort, a localized update of the 2007 TCE plume shell for the southern trench area was completed using data collected through 2010. This updated plume shell was used with the CS-10 2007 groundwater flow model to predict system performance and plume migration for three selected flow rates (100, 150, and 200 gpm) using a packered configuration for 03EW2112. Additional modeling was completed to determine the appropriate CS-10 Sandwich Road reinjection scenario to limit potential hydraulic influence to the groundwater flow field on the adjacent phosphorus plume with 03EW2112 operating at the selected flow rate of 100 gpm and with recent (2011) changes to the extraction flow rate at Sandwich Road extraction fence (i.e., operation of extraction wells 03EW2176 and 03EW2177).
4.1	**Plume Shell Update** Contaminant plume shells are used for visualizing the distribution of dissolved phase groundwater contamination in three dimensions, for estimating the contaminant mass and volume of the plume, and for initializing the groundwater model for running contaminant transport simulations.

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	For this optimization effort, a localized update of the 2007 TCE plume shell was completed for the southern trench area. This localized plume shell update was completed using 2010 TCE sampling results from southern trench area monitoring locations with very few interior plume and boundary control points to augment the sampling data set (i.e., straight kriging). The contaminant concentrations from the sampling locations were interpolated to the plume shell grid nodes using kriging. The interpolated contaminant concentrations were contoured and visualized using wire-net isosurfaces. The kriging process was adjusted until the resulting plume shells fit the known data as closely as possible and were hydrologically plausible. The isosurface representing the 5.0 µg/L concentration (i.e., the MCL for TCE) was considered to be the plume boundary for the plume shell. The plume shell was masked to eliminate artifacts of the kriging process that would otherwise produce hydraulically unreasonable extensions of the plume into areas with no data coverage. The mask is applied in plan view and limits the maximum lateral extent of contamination present to a 5 µg/L concentration. Outside the mask boundary, interpolated concentrations were set to zero. The 2010 southern trench area TCE plume shell is shown as the initial contaminant condition in the transport modeling figures (**Figures 6**, **7**, and **8**). An update to the TCE plume shell for the entire main body of the CS-10 plume will be completed at the conclusion of the ongoing CS-10 data gap investigation.
4.2	**Simulation of Plume Migration** Steady state contaminant transport simulations were run using a packered configuration for 03EW2112 (effective screen interval of -90 to -110 ft msl) for each of the three selected flow rates (100, 150, and 200 gpm). Steady-state flow conditions used for the CS-10 In-Plume and Sandwich Road remedial systems are listed in **Table 6**. The 2010 southern trench TCE plume shell was used as the initial contaminant condition. Snap shots of the TCE plume extent for simulated years 2010 (initial time step), 2013, 2016, and 2020 are shown in **Figure 6** for 03EW2112 at 100 gpm, **Figure 7** for 03EW2112 at 150 gpm, and **Figure 8** for 03EW2112 at 200 gpm. Each figure shows a sequence of panels depicting the predicted extent of TCE contamination above the 5 µg/L MCL at selected time steps in the simulations. Each panel shows three views: a plan view, a cross-sectional view looking north, and a cross-sectional view looking west. In each view, the maximum concentration, projected normal to the plane of view, is depicted. The contaminant transport animations for each of the three flow rates tested are included on a CD in **Attachment D**. These animations were also presented to the regulatory agencies at the 15 December 2010 Technical Update meeting (**Attachment A**). As can be seen from **Figures 6**, **7**, and **8**; TCE concentrations above the 5 µg/L MCL are not predicted to migrate past extraction well 03EW2112 under any of the three flow rates tested. All three operating conditions restore the aquifer in a similar timeframe, and this timeframe is consistent with the restoration timeframe presented in the ROD (AFCEE 2009a) for the southern trench area (i.e., 2020).

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	Based on sampling and modeling results, a proposed operating scenario for 03EW2112, which included a flow rate of 100 gpm with a packered configuration, was presented to the regulatory agencies at the 15 December 2010 Technical Update meeting (Attachment A). The agencies agreed with the recommendation and 03EW2112 began operating at the optimized scenario on 19 January 2011 (2011 Scenario 01). With this revised flow rate, a recommendation to reassess the reinjection scenario to minimize hydraulic impacts on nearby areas of concern including the USGS tracer test site and the phosphorus plume was also presented (Attachment A). The results for this evaluation are presented in the following sections.
4.3	**Sensitivity Testing for Hydraulic Impact on Phosphorus Plume Migration** The phosphorus plume (as defined by phosphate concentrations above 0.1 milligrams per liter [mg/L]) is approximately 1,200 ft wide and 2,500 ft long, extending from just north of the MMR boundary to the shoreline of Ashumet Pond (Figure 2). In an effort to address the effects of the phosphorus plume on the trophic state of Ashumet Pond, AFCEE installed a geochemical barrier within the plume footprint in the pond (Figure 2) to reduce the external phosphorus loading from the groundwater to the pond (AFCEE 2012b). In order to avoid potentially jeopardizing the effectiveness of the phosphorus barrier (Figure 2), the potential impact of varying the flow rate at extraction well 03EW2112 on the groundwater flow field in the vicinity of the phosphorus plume was evaluated. Particle tracking was performed using the CS-10 groundwater flow model under the steady-state flow conditions listed in Table 6. Particles were seeded in model cells located within the phosphorus plume, hydraulically upgradient of the geochemical barrier. The particles were seeded at the locations of well screens where elevated phosphate detections have been observed in the past. The particles were forward tracked using the groundwater flow model until they discharged into Ashumet Pond. This modeling approach is identical to that used in 2008 when potential impacts to the groundwater flow field near the phosphorus plume were evaluated for 2009 Scenario 01 design flow rates (AFCEE 2009b). Forward particle tracks under the three flow rates currently being evaluated (100, 150, and 200 gpm) were compared to forward particle tracks under 2009 Scenario 01 design flow rates (with 03EW2112 at 290 gpm) (Table 6). As expected, the higher the flow rate at extraction well 03EW2112, the greater the southwestward shift in the simulated particle trajectories toward 03EW2112 (Figure 9). While the three optimized pumping scenarios, each simulating a lower flow rate than the original design flow for 03EW2112 of 290 gpm, result in less of an impact on the groundwater flow field near the phosphorus plume, the lowest flow rate evaluated at 03EW2112 (100 gpm) results in the lowest potential for any modifications to the trajectory of the phosphorus plume as it migrates toward the barrier.

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4.4	**Impact on U.S. Geological Survey (USGS) Tracer Test Site** The potential impact of the southern trench extraction well 03EW2112 optimization (100 gpm with a packered configuration) on the groundwater flow field at the USGS Tracer Test Site was evaluated because of the proximity of this site to the CS-10 plume and the importance of not significantly modifying the groundwater flow field in this area. The USGS has a large network of observation wells, multilevel samplers, and drive points that have been used as a research site field laboratory since 1983 to improve the understanding of the fate of contaminants in groundwater. This area, identified on Figure 10 as the USGS Tracer Test Site, consists of over 10,000 sampling locations and has been used to conduct over 50 tracer tests involving reactive and non-reactive solutes, microspheres, and deactivated microorganisms. Since the shutdown of the MMR sewage treatment plant in 1995 the natural restoration processes in the aquifer have been studied at this site, which is located hydraulically downgradient of the former sewage treatment beds. Nine USGS monitoring well clusters (USSD473, USSD469, USFW343, USFW575, USFW424, USFW670, USFW440, USFW344, and USFW388) located within the phosphorus plume boundary were selected by the USGS for this analysis. Equilateral triangles, approximately 350 ft per triangle side, were centered at each of the nine USGS monitoring well locations and are shown on Figure 10. The coordinates of the three vertices of each triangle were calculated, and the steady-state simulated heads at each of these vertices were tabulated for the 100 and 290 gpm pumping conditions at 03EW2112. The simulated heads were tabulated for three elevations in the aquifer (40 ft msl, 5 ft msl, and -30 ft msl) to help assess the potential impacts the reduction in flow at 03EW2112 may have on the groundwater flow field with depth in the aquifer. A comparison of simulated horizontal hydraulic gradients (azimuth and magnitude) under the 100 and 290 gpm pumping conditions are summarized in Table 7 and are presented on Figure 10. The model-predicted change in horizontal gradient azimuth between the 100 and 290 gpm pumping conditions ranged from 1 to 5 degrees. The maximum change for all three elevation slices was predicted to occur at USFW424, which is located closest to extraction well 03EW2112. At this location (USFW424), the 290 gpm pumping rate at 03EW2112 increased the horizontal gradient azimuth 4 to 5 degrees toward the extraction well when compared to the 100 gpm horizontal gradient azimuth. The change in horizontal gradient magnitude ranged from zero to a maximum change of 0.0001 (Table 7). A comparison of the simulated vertical component of hydraulic gradient between 40 ft msl to 5 ft msl and 40 ft msl to -30 ft msl, under the 100 and 290 gpm pumping conditions, is summarized in Table 8 and presented on Figures 11a and 11b. A change in model-predicted vertical gradient between the 100 and 290 gpm pumping conditions was observed

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	at only one location, USFW424. A change of 0.001 was observed between the 40 and 5 ft msl elevation slices at USFW424 and a change of 0.003 was observed between the 40 and -30 ft msl elevation slices (Table 8). The change in predicted vertical gradient was greater at the deeper elevation slice (40 to -30 ft msl) because this elevation is closer to the top of the screen at extraction well 03EW2112 (-90 to -110 ft msl). At this location (USFW424), the downward vertical gradient was predicted to increase with increased pumping at extraction well 03EW2112. This modeling evaluation indicates that the optimized operating condition at extraction well 03EW2112 (flow rate of 100 gpm and packered configuration) does not significantly modify the groundwater flow field in the area of the USGS Tracer Test Site when compared to the 2009 Scenario 01 operating conditions. No impact was observed at some locations; and, as expected, the maximum change in horizontal hydraulic gradient (azimuth) was observed at USFW424, which is located closest to extraction well 03EW2112. The maximum change in vertical gradient was observed at the deeper elevation slice at USFW424, (40 to -30 ft msl) which is closer to the top of the effective screen interval at 03EW2112 (-90 to -110 ft msl) (Tables 7 and 8).
4.5	**Sandwich Road Extraction Wells 03EW2176 and 03EW2177** Two off-line Sandwich Road extraction wells (03EW2176 and 03EW2177) were turned back on in 2011 after TCE MCL exceedances were observed at 03EW2177 (during the sampling of the well when it was off-line). A data gap investigation is ongoing to determine the extent of contamination in this area and extraction wells 03EW2176 and 03EW2177 have been turned back on and are operating at the interim flow rates of 75 and 50 gpm, respectively, to improve the hydraulic capture of the Sandwich Road ETR system. Once the uncertainty of the extent of TCE contamination in this area has been addressed, optimization of the Sandwich Road system will be completed using the revised 2011 TCE plume shell and the recalibrated groundwater flow model, currently being developed as part of the CS-10 optimization modeling effort. The additional flow from Sandwich Road extraction wells 03EW2176 (75 gpm) and 03EW2177 (50 gpm) was evenly distributed to the eight SD-5 North reinjection wells (28RIW0001 through 28RIW0008). This increased the flow rates in these eight reinjection wells by approximately 15.6 gpm for a total flow rate of 65 gpm for each well. Forward particle tracks under this flow configuration (i.e., with 03EW2176 and 03EW2177 on) were compared to forward particle tracks under the 03EW2112 optimized flow condition (100 gpm with a packered configuration) to further evaluate whether this CS-10 operational condition could have an adverse impact on the flow field in the vicinity of the phosphorus plume. As shown on Figure 12, the modeling results indicate that turning 03EW2176 and

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	03EW2177 back on at 75 and 50 gpm, respectively, result in no significant difference in the migration of the phosphorus plume toward the Ashumet Pond geochemical barrier when compared to the simulated results with these wells offline. The potential impact on the groundwater flow field at the USGS Tracer Test Site with operation of 03EW2176 and 03EW2177 was also evaluated. Simulated horizontal hydraulic gradients (azimuth and magnitude) with 03EW2176 and 03EW2177 online are summarized in Table 7 and the simulated vertical component of hydraulic gradient between 40 ft msl to 5 ft msl and 40 ft msl to -30 ft msl with 03EW2176 and 03EW2177 online are summarized in Table 8. The model-predicted change in horizontal gradient azimuth ranged from zero to 1 degree and no change greater than 0.0001 was observed in horizontal gradient magnitude (Table 7). No change in simulated vertical component of hydraulic gradient was observed (Table 8). Therefore, modeling results indicate that the operation of 03EW2176 and 03EW2177, at 75 and 50 gpm, respectively, should have minimal to no impact on the groundwater flow field at the USGS Tracer Test Site or in the vicinity of the phosphorus plume.
5.0	**CONCLUSIONS AND RECOMMENDATIONS** After a data gap investigation which included increased sampling of monitoring wells in the southern trench area, the completion of two rotosonic borings (03MW1058A and 03MW1059A), installation of six monitoring wells (03MW1058A,B,C and 03MW1059A,B,C), two flow tests, and groundwater flow and transport modeling; a recommendation to operate 03EW2112 at the more efficient flow rate of 100 gpm with a packered configuration (blocking off the bottom 40 feet of the well screen with a packer) was presented at the 15 December 2010 Technical Update meeting (Attachment A). Extraction well 03EW2112 has been operating at this optimized scenario since January 2011 and TCE influent concentrations increased from below the reporting limit to 2 µg/L in 2011 (Table 2). Additional modeling was completed to determine the appropriate CS-10 Sandwich Road reinjection scenario to limit potential hydraulic influence to the groundwater flow field on the adjacent phosphorus plume with 03EW2112 operating at 100 gpm and with the recent (2011) changes to operating conditions at the CS-10 Sandwich Road extraction fence (i.e., operation of extraction wells 03EW2176 and 03EW2177). The reinjection scenario tested included: (1) keeping the western CS-10 Sandwich Road reinjection wells offline, (2) revising the flow rates of the eastern CS-10 Sandwich Road reinjection wells to 40 gpm, 156 gpm, and 108 gpm for 03RI2183, 03RI2184, and 03RI2185, respectively; and (3) evenly distributing the remaining flow to the eight SD-5 North reinjection wells

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	(28RIW0001 through 28RIW0008). The flow at each SD-5 North reinjection well is 49.5 gpm with 03EW2176 and 03EW2177 offline and 65 gpm with 03EW2176 and 03EW2177 operating. Both flow scenarios had minimal impact to the groundwater flow field in the vicinity of the phosphorus plume and to the USGS Tracer Test Site when compared to the 2009 Scenario 01 flow rates. The following adjustments to the CS-10 Sandwich Road/SD-5 North reinjection well flow rates are recommended: • 03RI2183 – 40 gpm, • 03RI2184 – 156 gpm, • 03RI2185 – 108 gpm, and • 28RIW0001 through 28RIW0008 – 65 gpm for each well. This operation scenario improves the contaminant capture efficiency of southern trench extraction well 03EW2112 and the CS-10 Sandwich Road ETR system, and minimizes impact to the groundwater flow field in the vicinity of the phosphorus plume and the USGS Tracer Test Site. This flow scenario will be identified as 2012 Scenario 01 and is summarized in **Table 9** for the entire CS-10 remedial system. Optimization of 03EW2112 and the Sandwich Road ETR system will be reevaluated after the completion of the In-Plume data gap investigation. Data collected during this ongoing investigation will be used to update the TCE plume shell for the main body of the CS-10 plume, recalibrate the groundwater flow model, and complete transport modeling to evaluate potential optimization scenarios for the CS-10 In-Plume and Sandwich Road systems.
6.0	**REFERENCES** AFCEE (U.S. Air Force Center for Engineering and the Environment). 2012a (January). *CS-10 2010/2011 Biennial SPEIM/LTM Data Presentation (October 2010 through April 2011) Project Note.* 420005-SPEIM-CS10-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2012b (January). *Ashumet Pond 2009-2010 Trophic Health Project Note*. 404929-SPEIM-ASHPO-PRJNOT-003. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

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_____. 2011a (August). *AFCEE MMR SPEIM/LTM/O&M Program Quality Assurance Project Plan*. 404929-Program-Multiple-QAPP-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2011b (April). *2011 Operations and Maintenance Plan for Groundwater Extraction and Treatment Systems and Wind Turbine*. 404929-O&M-MULTIPLE-OMPLN-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2011c (March). *Chemical Spill-10 2010 Summary Letter Report*. 404929-SPEIM-CS10-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2010 (March). *Chemical Spill-10 2009 Summary Letter Report*. 389849-SPEIM-CS10-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2009a (August). *Final Record of Decision for Chemical Spill-10 Groundwater*. A4P-J23-35BC02VA-M26-0018. Prepared by Jacobs Engineering Group for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2009b (March). *Final CS-10 2008 Southern Trench System Optimization Project Note*. 371335-SPEIM-CS10-PRJNOT-008. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

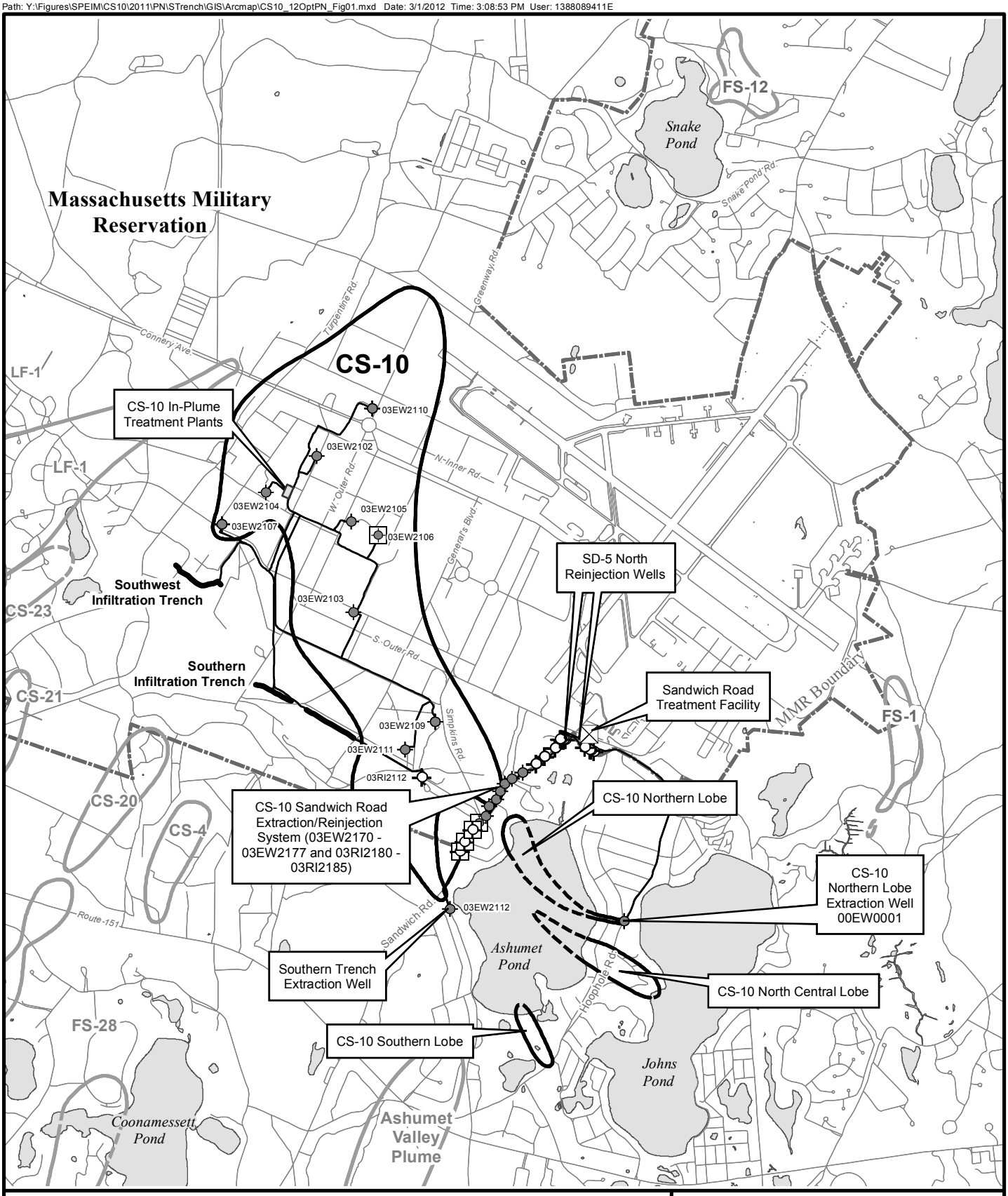
_____. 2008 (January). *Final Chemical Spill-10 2007 Southern Trench Technical Memorandum*. 337105-SPEIM-CS10-TECHMEM-003. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2004 (September). *Final Fuel Spill-12 2003 Annual System Performance and Ecological Impact Monitoring Report*. 187615-SPEIM-FS12-ANRPT-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

ITEM	REMARKS
7.0	**CONCURRENCE** The signatures below represent agreement with the proposed path forward presented in this project note for operating 03EW2112 and the CS-10 Sandwich Road remediation system at 2012 Scenario 01 operating conditions (Table 9). 3/29/12 — U.S. EPA Representative 3/29/12 — MassDEP Representative FORBES.ROSE.H.1036416218 Digitally signed by FORBES.ROSE.H.1036416218 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USAF, cn=FORBES.ROSE.H.1036416218 Date: 2012.03.30 12:41:05 -04'00' AFCEE Project Manager Note: The parties involved will retain the ability to modify the operating conditions based on field observations or other mutually agreeable technical justifications.

Attachments:

Figure 1 CS-10 Groundwater Plume and Treatment Systems
Figure 2 Selected Southern Trench Area Monitoring Locations
Figure 3 TCE Concentration Trends at Selected Southern Trench Monitoring Wells
Figure 4 Plan View of Cross Section Line A-A'
Figure 5 CS-10 Cross Section A-A'
Figure 6 Predicted TCE Plume Migration for 03EW2112 Pumping at 100 GPM
Figure 7 Predicted TCE Plume Migration for 03EW2112 Pumping at 150 GPM
Figure 8 Predicted TCE Plume Migration for 03EW2112 Pumping at 200 GPM
Figure 9 Comparison of Particle Tracks in the Vicinity of the Phosphorus Plume
Figure 10 Impact of System Optimization on Horizontal Component of Hydraulic Gradient
Figure 11a Comparison of Vertical Component of Hydraulic Gradients under Current and Optimized Conditions (40 ft msl to 5 ft msl)
Figure 11b Comparison of Vertical Component of Hydraulic Gradients under Current and Optimized Conditions (40 ft msl to -30 ft msl)
Figure 12 Phosphorous Plume Particle Tracks with 03EW2176 and 03EW2177 Operating
Table 1 Well Construction Information for Selected Southern Trench Area Monitoring Locations
Table 2 Groundwater Monitoring Results - Selected Southern Trench Area Locations
Table 3 Groundwater Vertical Profile Results at 03MW1058A
Table 4 Groundwater Vertical Profile Results at 03MW1059A
Table 5 03EW2112 – Flow Testing Results
Table 6 CS-10 Remediation System Flow Rates Under Current and Optimized Operating Conditions
Table 7 Impact of CS-10 Remediation System Operating Conditions on Horizontal Component of Hydraulic Gradient in USGS Tracer Test Site
Table 8 Impact of CS-10 Remediation System Operating Conditions on Vertical Component of Hydraulic Gradient in USGS Tracer Test Site
Table 9 CS-10 Remediation System Flow Rates Under 2012 Scenario 01 Operating Conditions
Attachment A 15 December 2010 Technical Update Meeting Presentation
Attachment B CS-10 Southern Trench Area Residual Analysis Method Evaluation
Attachment C Boring Logs and Well Construction Diagrams
Attachment D Southern Trench Area TCE Transport Simulation Animations



Legend

- CS-10 Plume Boundary (Dashed Where Inferred)
- Other Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary
- Treatment System Piping
- Infiltration Trench
- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)
- Treatment Facility

Data Source: AFCEE, January 2012, MMR-AFCEE Warehouse

N

0 1,600 3,200 Feet

FIGURE 1

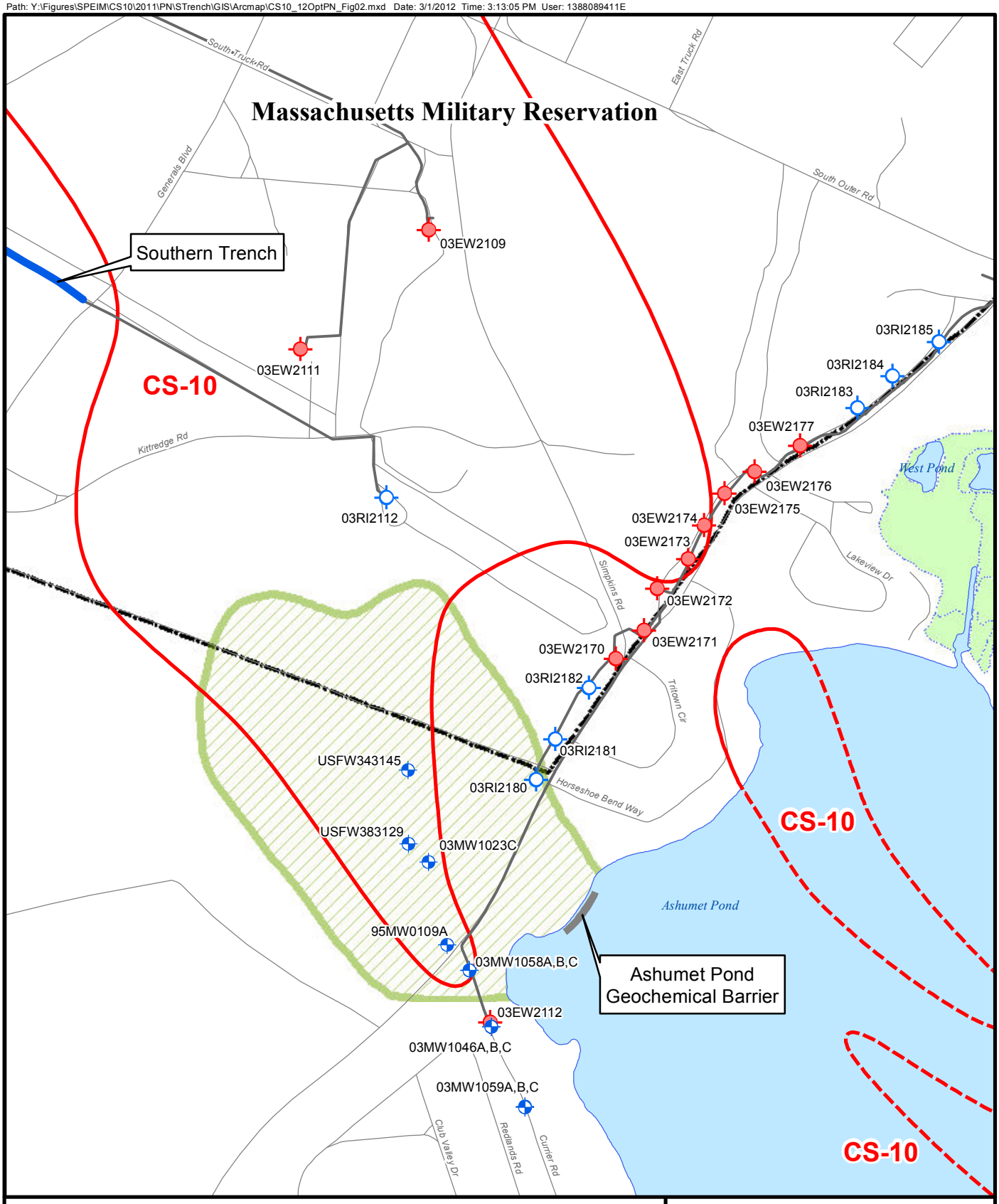
CS-10 GROUNDWATER PLUME AND TREATMENT SYSTEMS

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Legend

- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- Infiltration Trench/Gallery
- Treatment System Pipeline
- Phosphorus Plume (≥ 0.1 mg/L)
- Bog/Wetland
- Ashumet Pond Geochemical Barrier
- Extraction Well
- Reinjection Well
- Monitoring Well

Data Source: AFCEE, MMR-AFCEE Data Warehouse
MMR Boundary from MA ARNG 2011

N

0 360 720 Feet

FIGURE 2

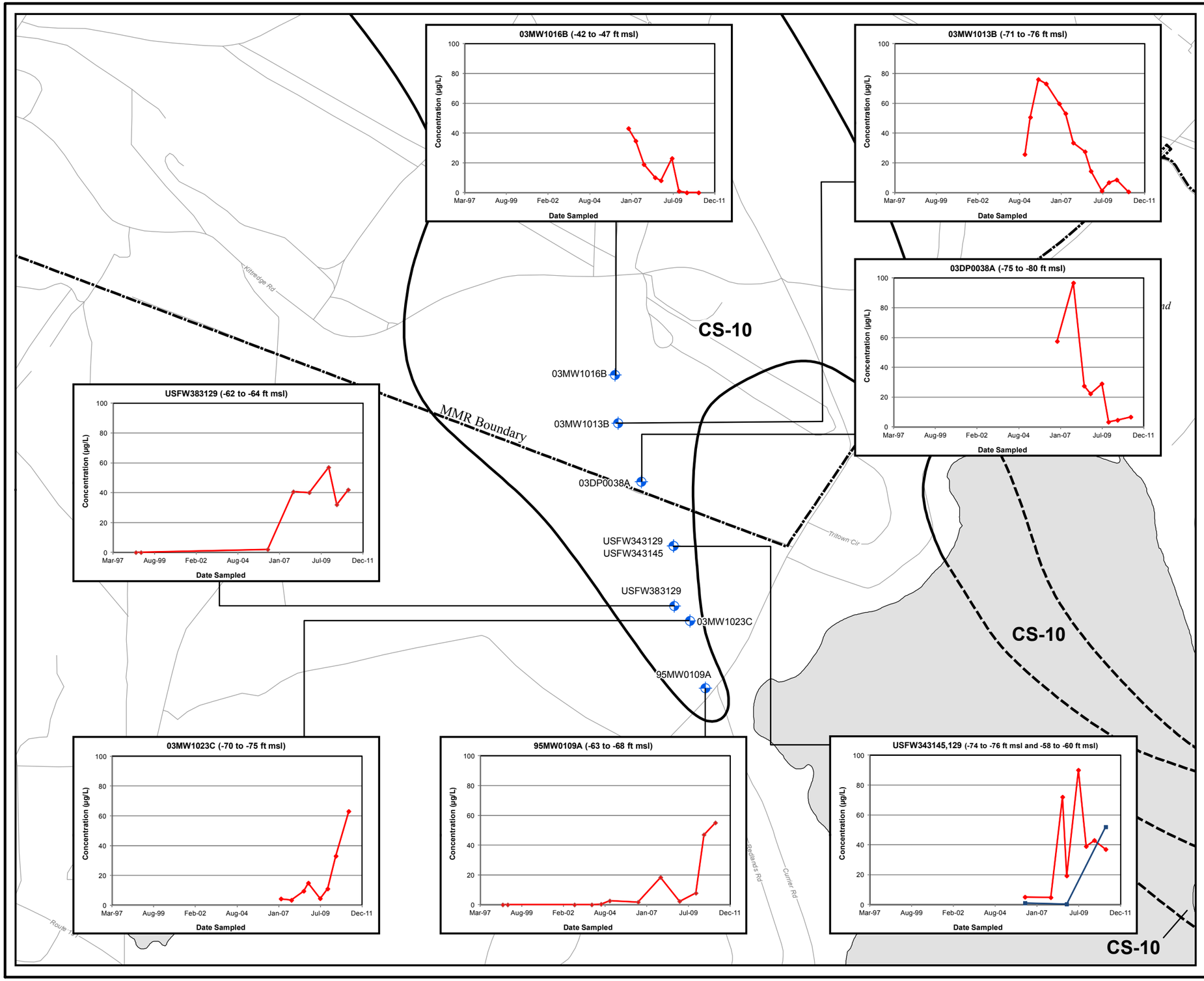
SELECTED SOUTHERN TRENCH AREA MONITORING LOCATIONS

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Legend

- Monitoring Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE
- TCE for Shallow Well Where Two Trend Lines are Presented

N

0 350 700 Feet

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse
MMR boundary from Massachusetts Air National Guard 2011

FIGURE 3

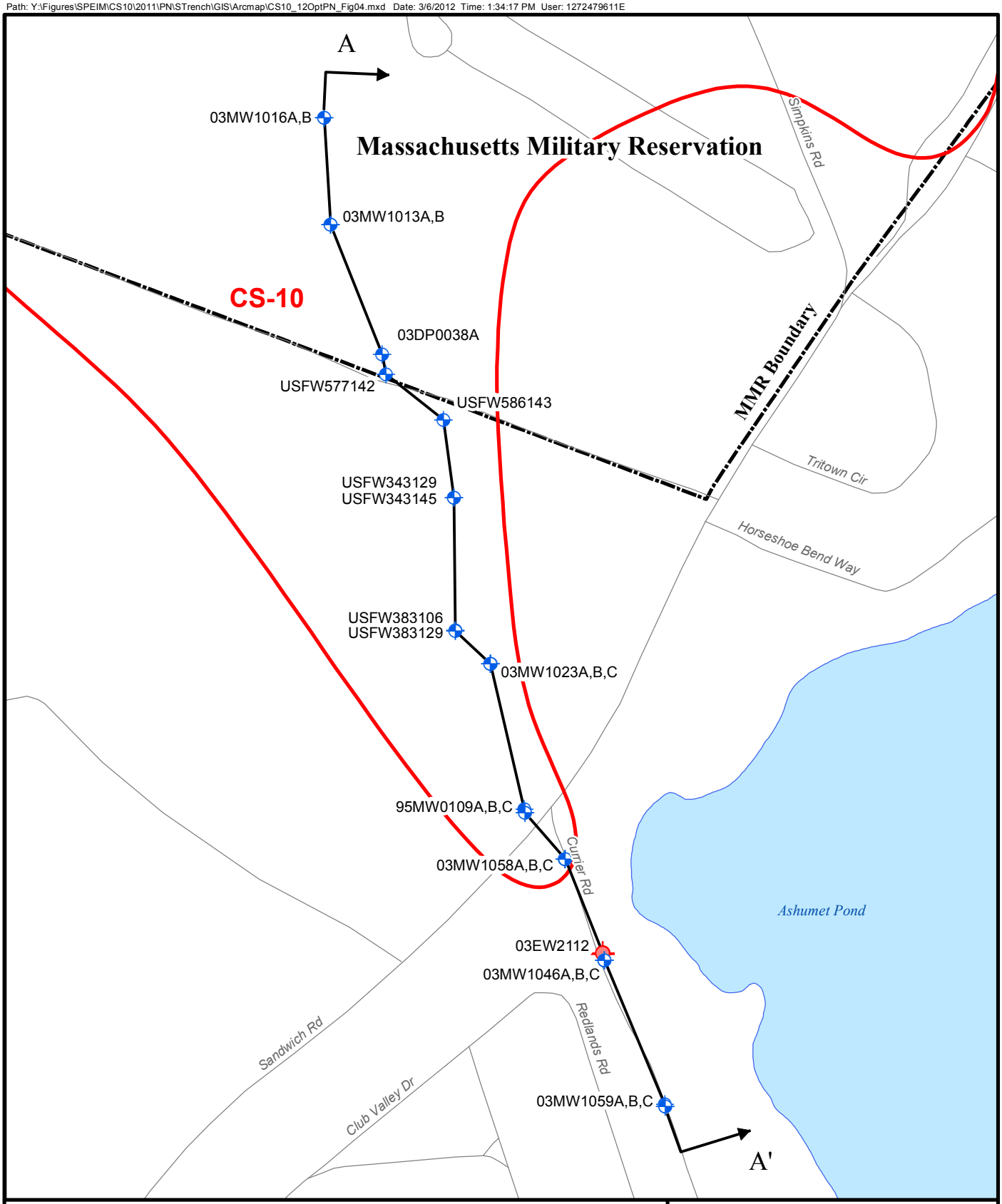
TCE CONCENTRATION TRENDS AT SELECTED SOUTHERN TRENCH MONITORING WELLS

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Legend

- Massachusetts Military Reservation Boundary
- Plume Boundary
- A A' Cross-section Line
- Monitoring Well
- Extraction Well

Data Source: AFCEE, MMR-AFCEE Data Warehouse
MMR Boundary from MA ARNG 2011

N

0 200 400 Feet

FIGURE 4

PLAN VIEW OF CROSS-SECTION LINE A-A'

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

CH2MHILL

NORTH

A

SOUTH

A'

Elevation (Feet Mean Sea Level)

03MW1016A,B (Sonic)
03MW1013A,B (Sonic)
03DP0038A (Direct Push)
USFW577142
MMR Boundary
USFW586143
USFW343129
USFW343145
USFW383106
USFW383129
03MW1023A,B,C (Sonic)
95MW0109A,B,C (Sonic)
03MW1058A,B,C (Sonic)
03EW2112 (Air Rotary)
03MW1046A,B,C (Sonic)
03MW1059A,B,C (Sonic)

B ND
A ND
B BRL
A ND
6.7
6.2
7.5
129 52
145 37
106 ND
129 42
B ND
A NS
C 63
C NS
B NS
A 55
ND ND ND ND ND ND ND ND ND ND BRL 25.0 19.0 BRL ND ND BRL BRL BRL ND ND ND ND ND ND ND ND ND ND ND ND
C 1.5
B BRL
A ND
C 3.9
2
B BRL
A ND
BRL BRL BRL ND BRL 2.2 2.6 BRL ND ND BRL ND ND ND ND
C ND
B BRL
A ND

5
50
50
5

Legend

- Monitoring Well
- Extraction Well
- Water Table (10/2011)
- ND Nondetect
- 03MW1083A,B (Sonic) Indicates Drilling Method
- BRL Below Reporting Limit
- NS Not Sampled During the Reporting Period
- BRL Most Recent TCE Data (µg/L) From Reporting Period (10/12/2009 - 08/18/2011)
- A Well Screen ID
- 5 TCE Isoconcentration Contour (MCL = 5 µg/L) (Dashed Where Inferred)
- 1.2 TCE Vertical Profile Data (µg/L)
- Extraction Well Packer
- Silt
- Silty Sand
- Fine Sand
- Gravelly Sand
- Bedrock

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

V: 60
H: 252
0
Feet

FIGURE 5

CS-10 CROSS SECTION A-A'

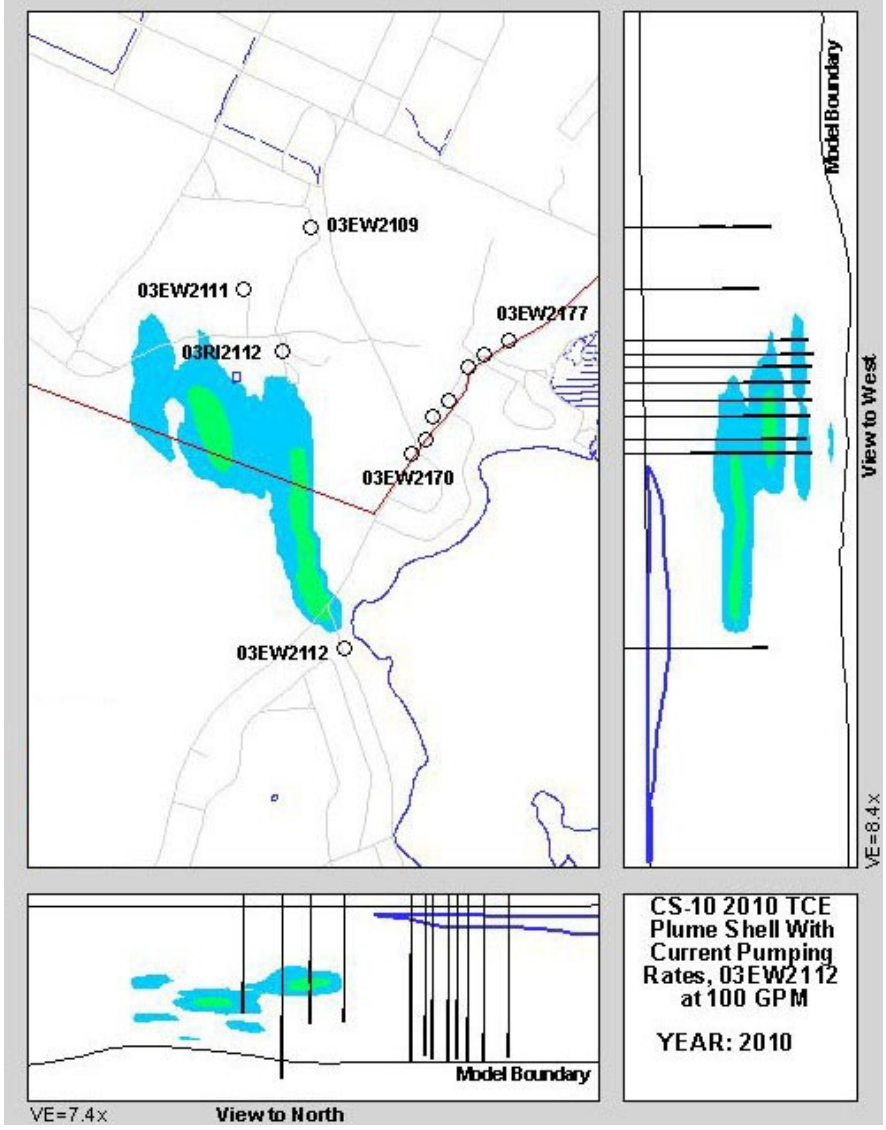
AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

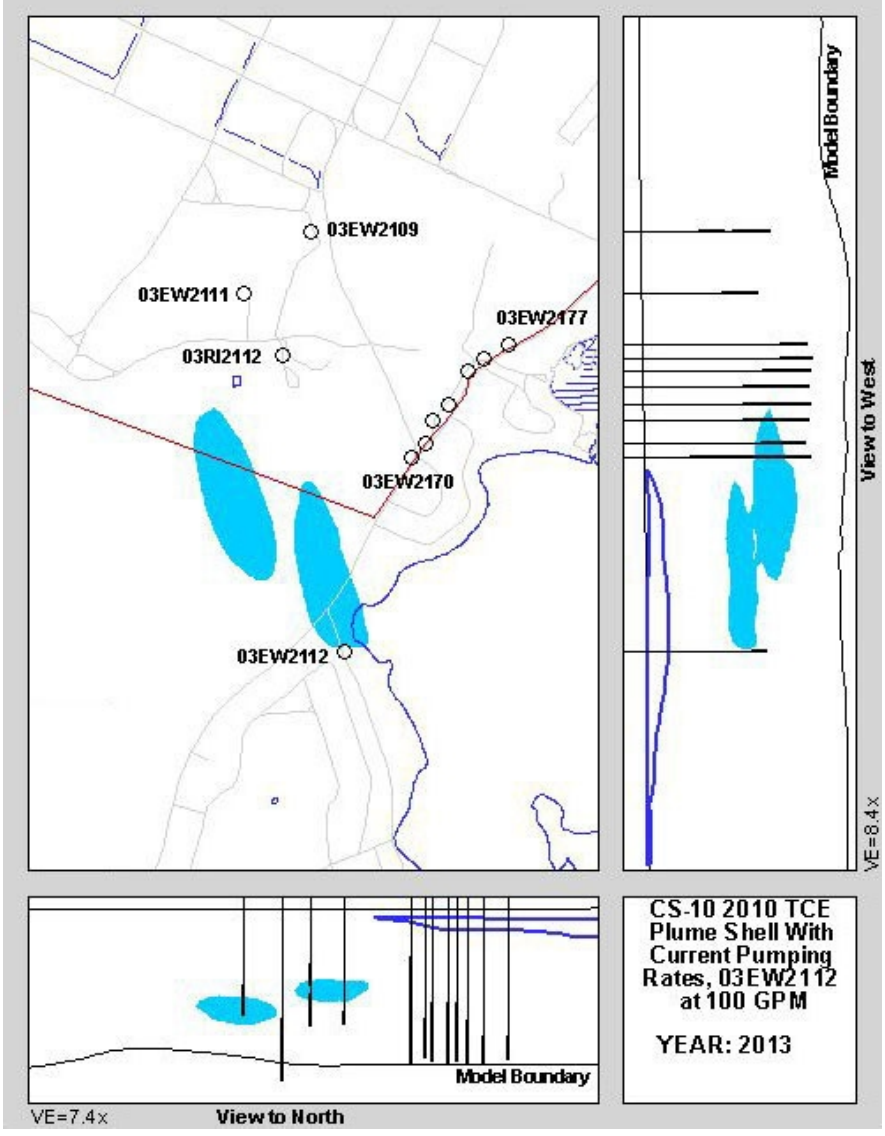
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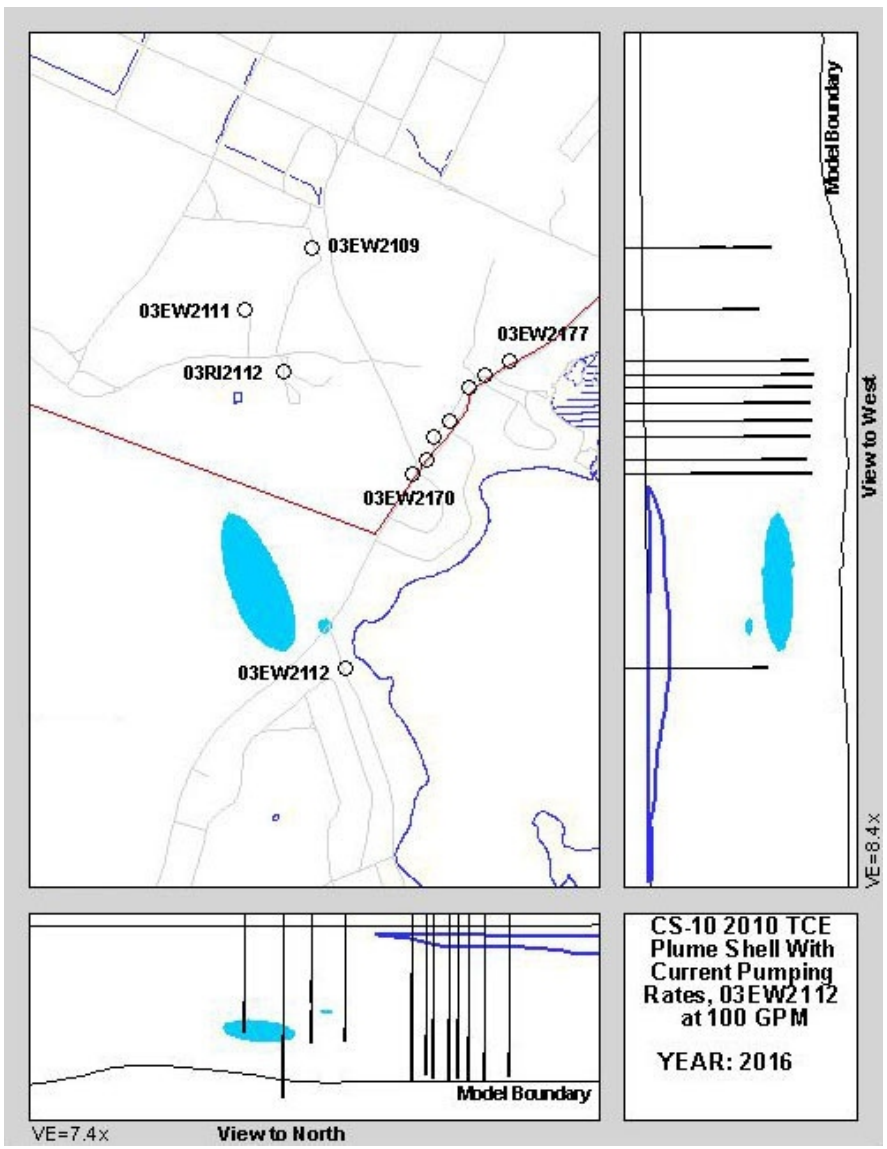
2010



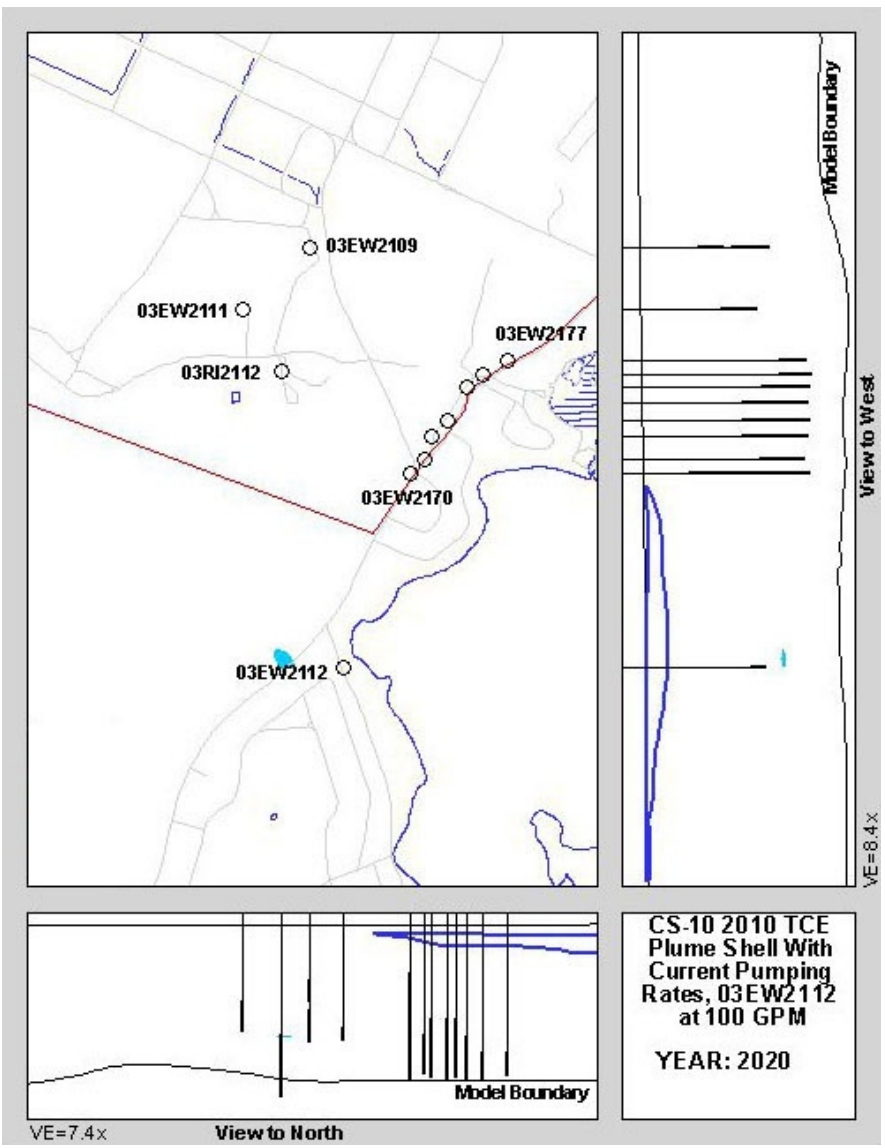
2013



2016



2020



Legend

TCE Concentration (µg/L)

- 25 ≤ TCE < 50 µg/L
- 5 ≤ TCE < 25 µg/L

Data Source: AFCEE, January 2012, MMR-AFCEE Data Warehouse

Note:

1. Plan view, view to the north, and view to the west depict the highest concentration in the plume, relative to each view.
2. Transport modeling simulation based on Scenario 56 operating conditions (current) and Alternative 10 operating conditions.
3. Plume depictions represent TCE concentrations greater than 5 µg/L
4. TCE MCL = 5 µg/L (micrograms per liter) Decay Half-life = 60 years.

FIGURE 6

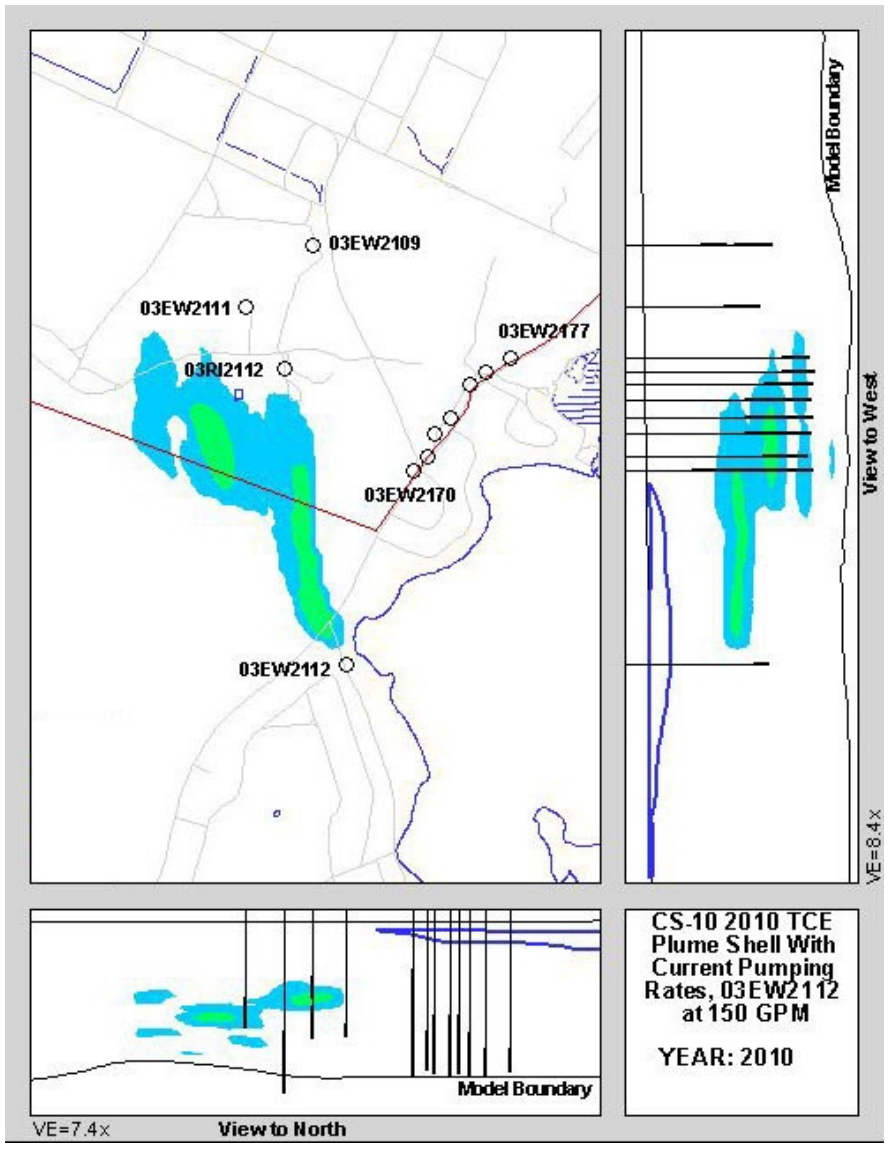
PREDICTED TCE PLUME MIGRATION FOR 03EW2112 PUMPING AT 100 GPM

AFCEE - Massachusetts Military Reservation

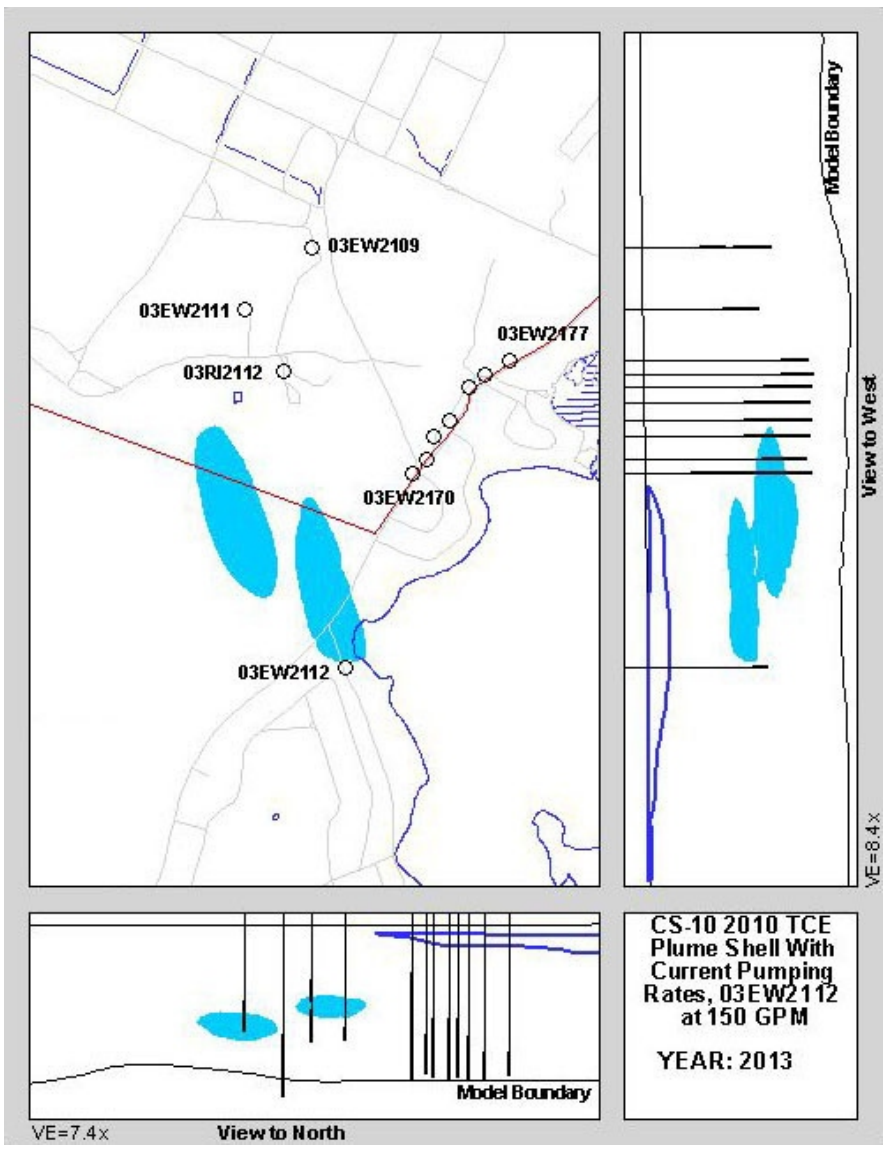
CS-10 2011 Southern Trench Area Optimization Project Note

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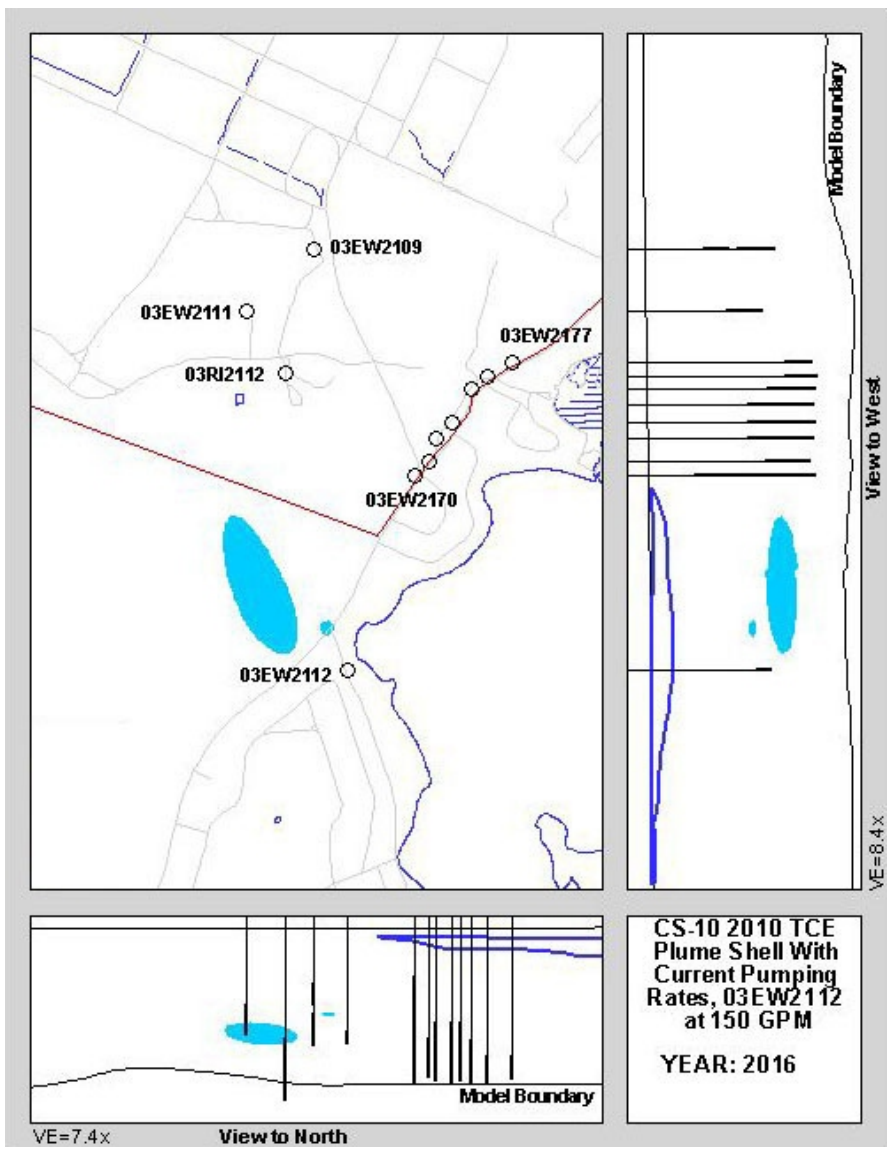
2010



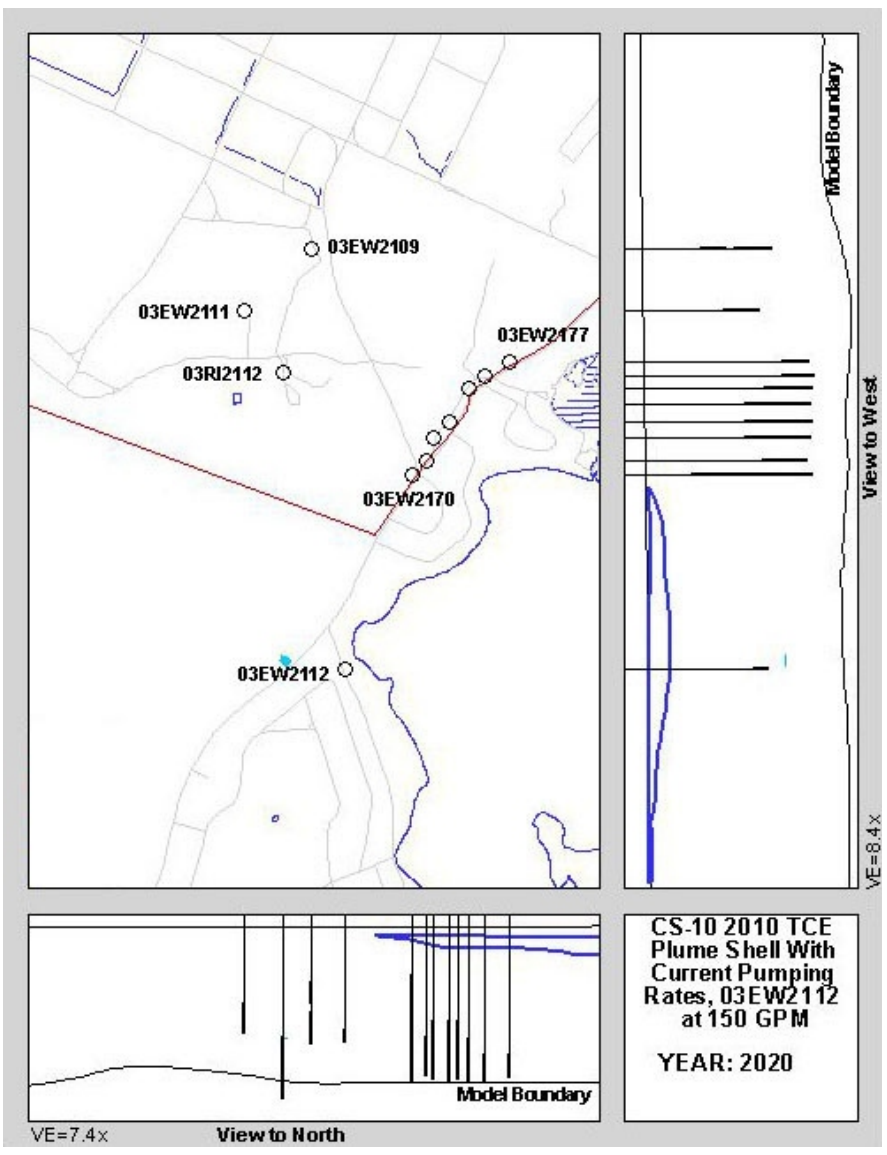
2013



2016



2020



Legend

TCE Concentration (µg/L)

- 25 ≤ TCE < 50 µg/L
- 5 ≤ TCE < 25 µg/L

Data Source: AFCEE, January 2012, MMR-AFCEE Data Warehouse

Note:

1. Plan view, view to the north, and view to the west depict the highest concentration in the plume, relative to each view.
2. Transport modeling simulation based on Scenario 56 operating conditions (current) and Alternative 10 operating conditions.
3. Plume depictions represent TCE concentrations greater than 5 µg/L
4. TCE MCL = 5 µg/L (micrograms per liter) Decay Half-life = 60 years.

FIGURE 7

PREDICTED TCE PLUME MIGRATION FOR 03EW2112 PUMPING AT 150 GPM

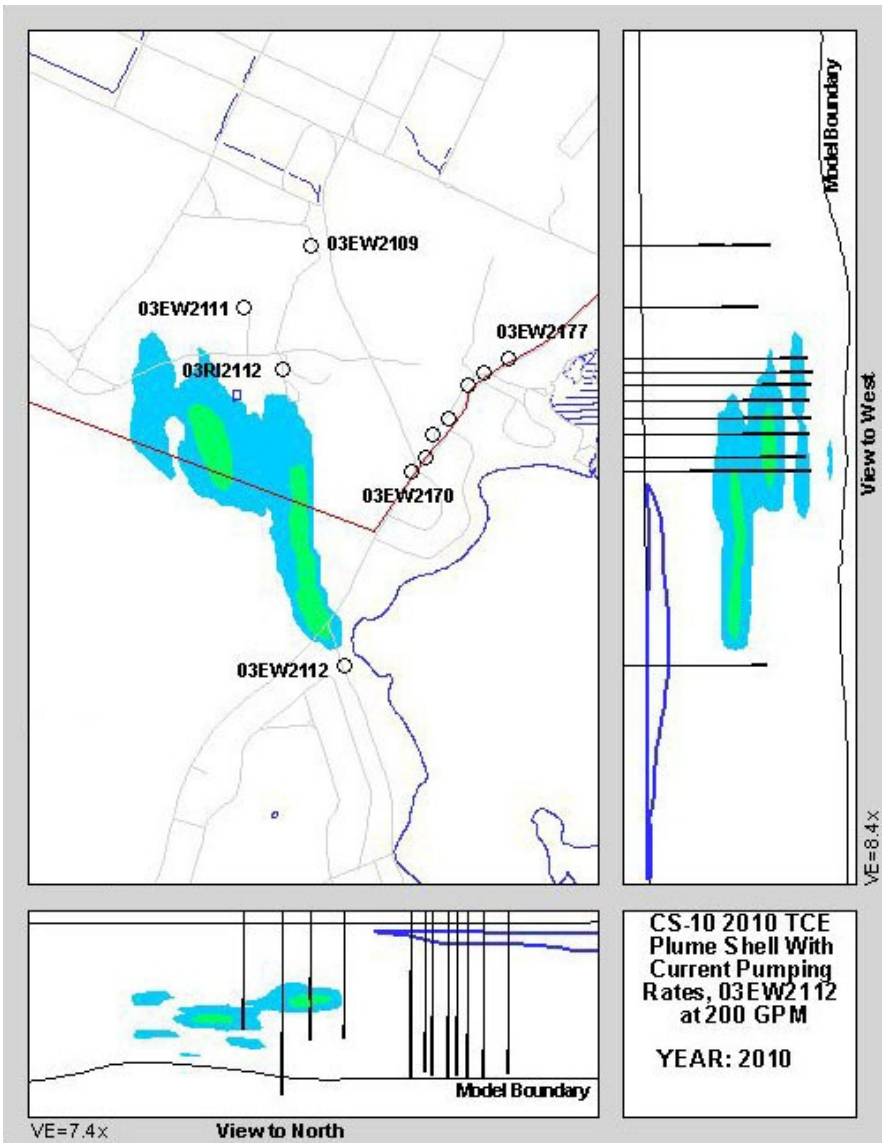
AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

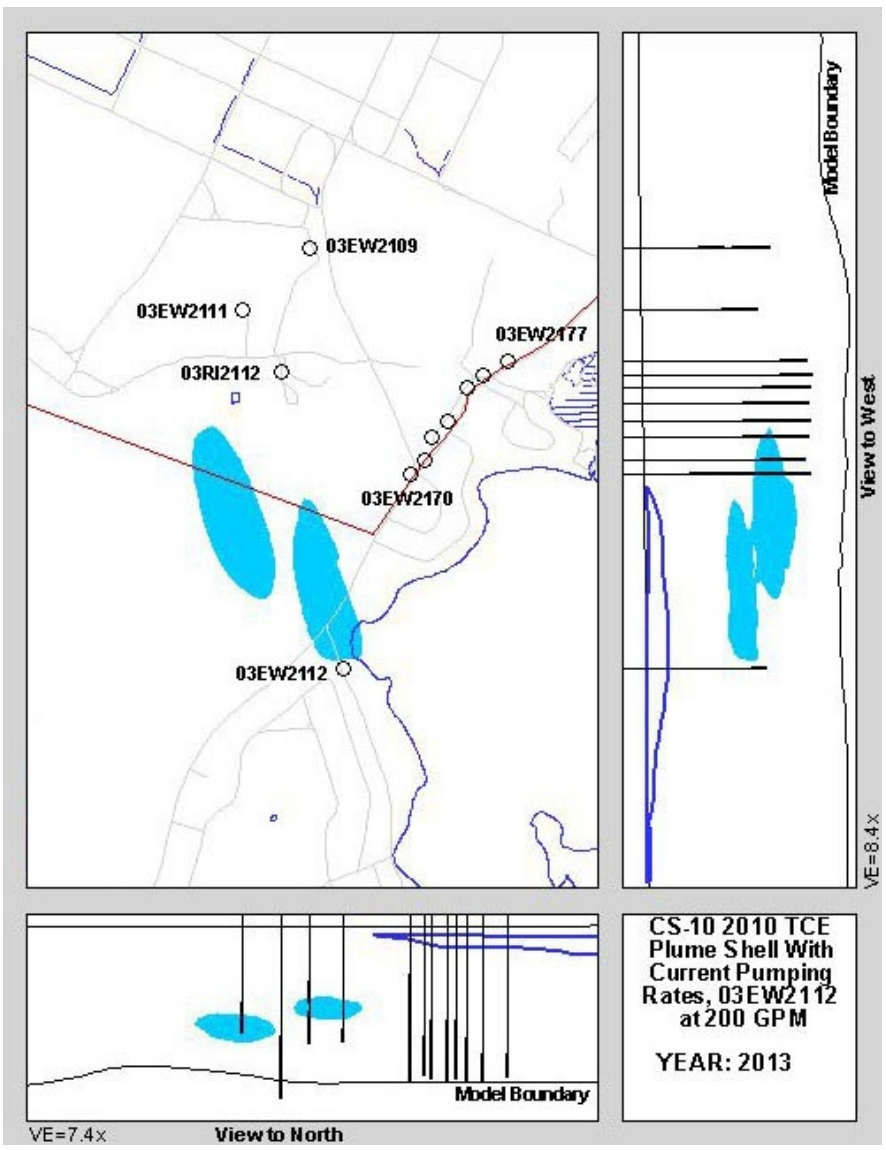
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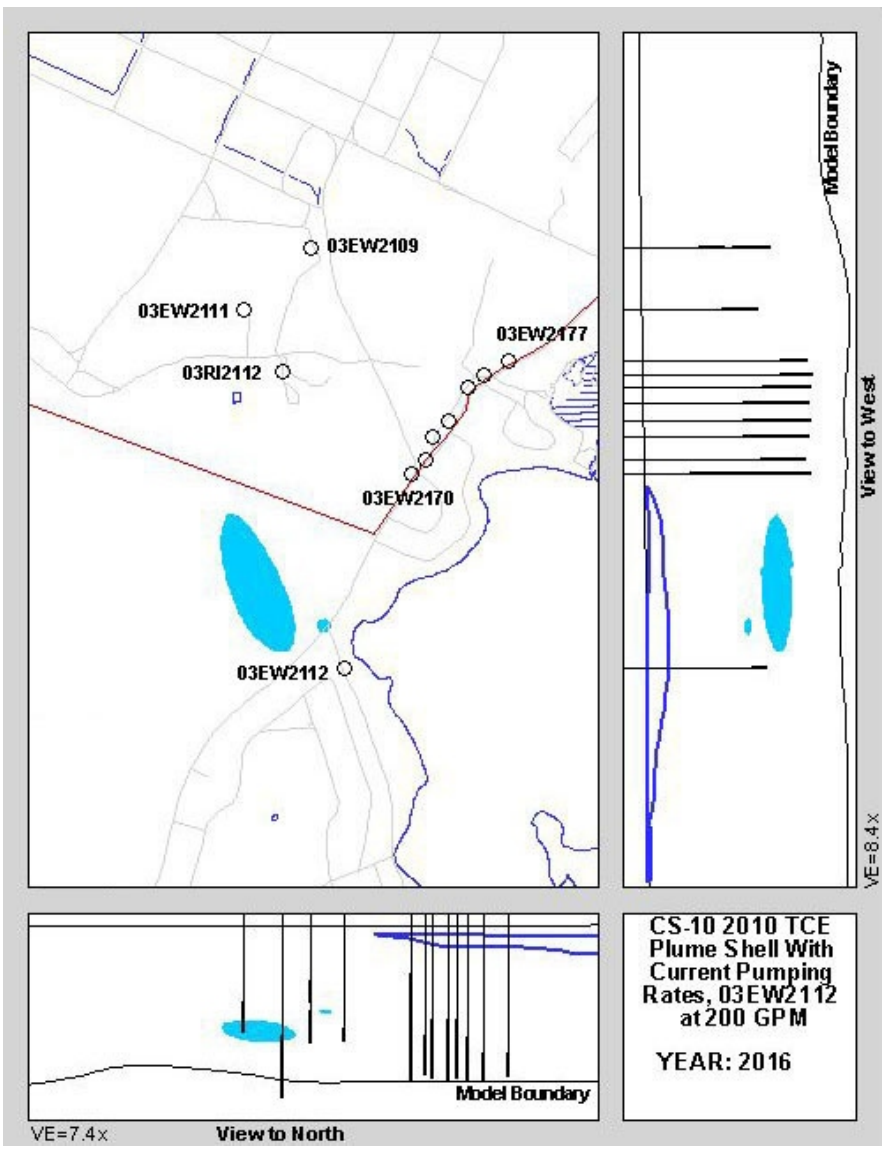
2010



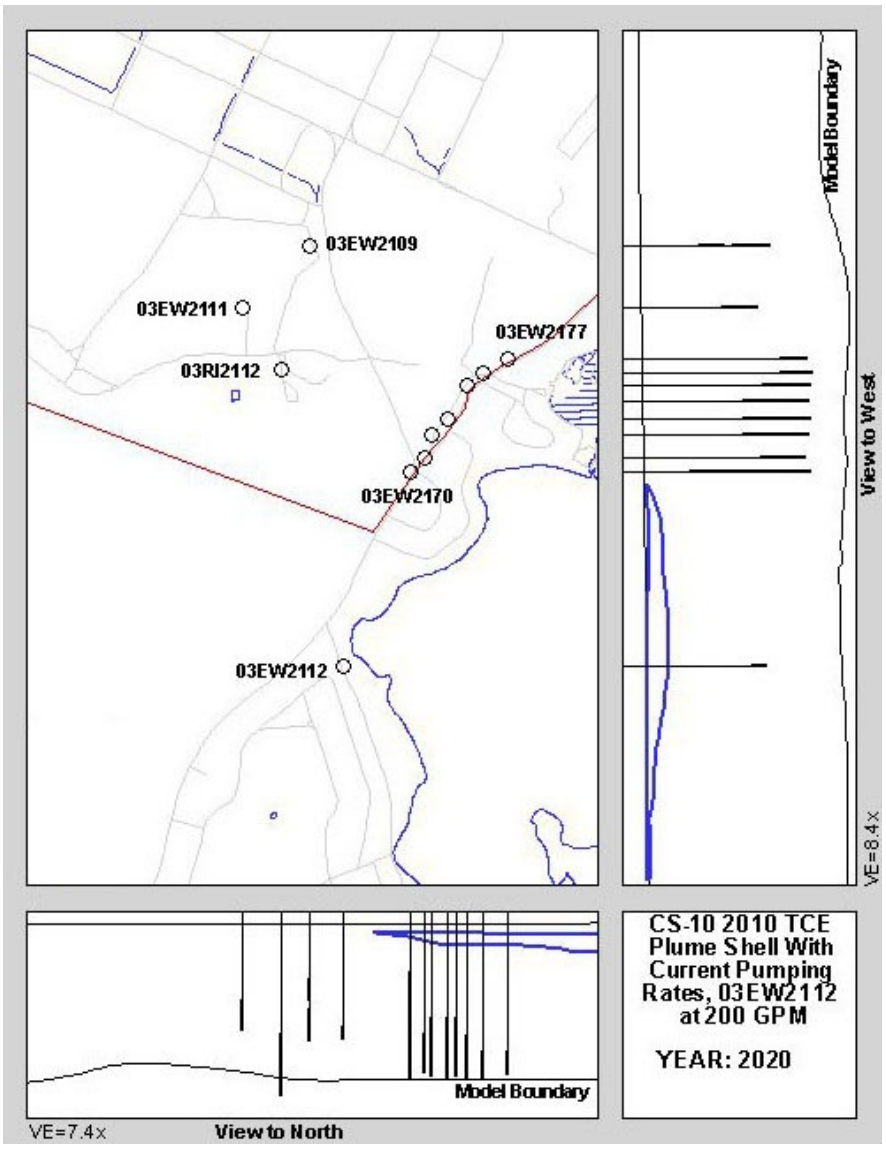
2013



2016



2020



Legend

TCE Concentration (µg/L)

- 25 ≤ TCE < 50 µg/L
- 5 ≤ TCE < 25 µg/L

Data Source: AFCEE, January 2012, MMR-AFCEE Data Warehouse

Note:

1. Plan view, view to the north, and view to the west depict the highest concentration in the plume, relative to each view.
2. Transport modeling simulation based on Scenario 56 operating conditions (current) and Alternative 10 operating conditions.
3. Plume depictions represent TCE concentrations greater than 5 µg/L
4. TCE MCL = 5 µg/L (micrograms per liter) Decay Half-life = 60 years.

FIGURE 8

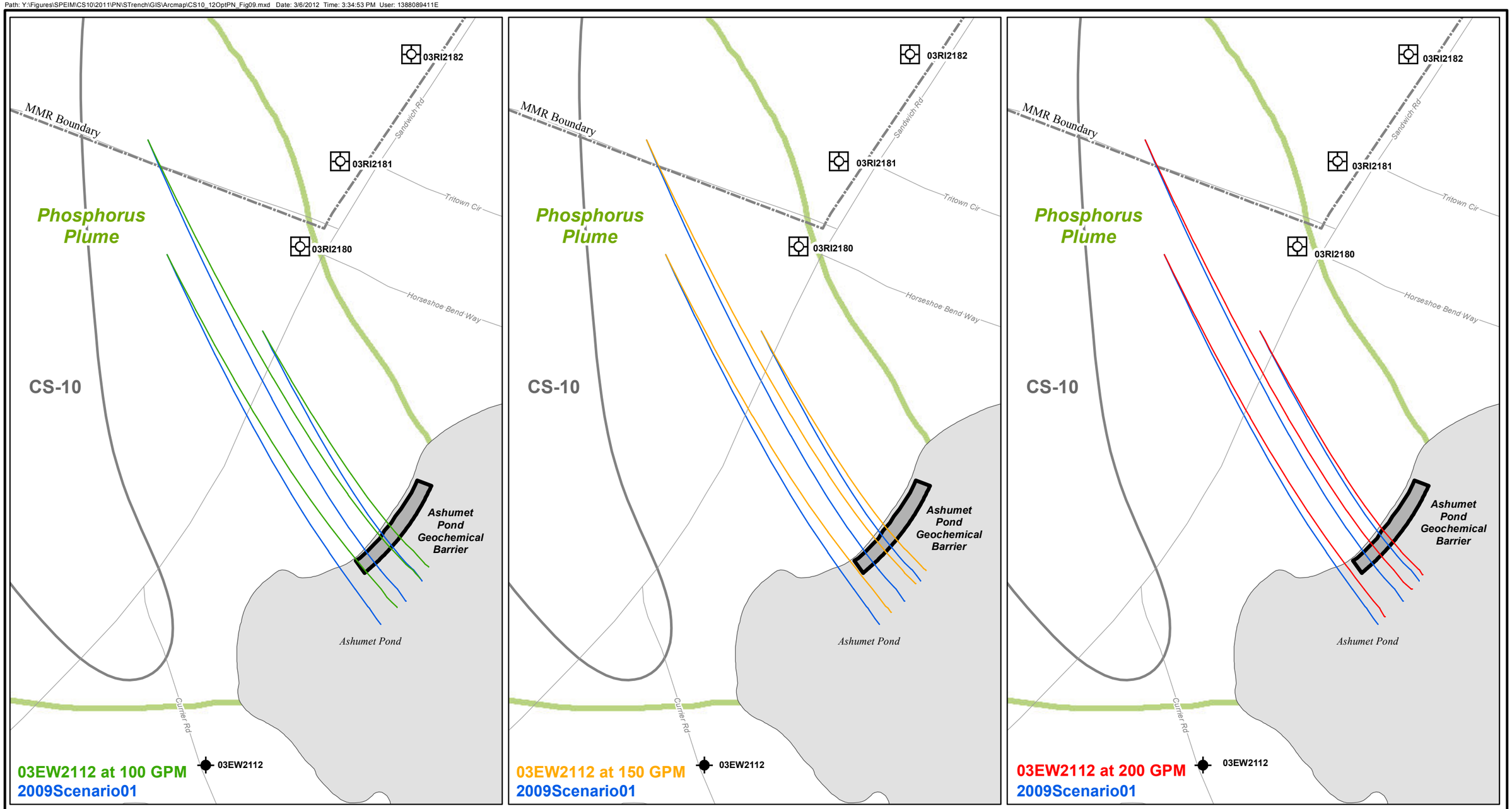
PREDICTED TCE PLUME MIGRATION FOR 03EW2112 PUMPING AT 200 GPM

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

CH2MHILL

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Legend

- Offline Reinjection Well
- Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary
- Phosphorus Plume Boundary (Mapped to 0.1 mg/L)

Particle Track

- 2009Scenario01 (03EW2112 at 290 GPM, Screen Setting from -90 to -150 Ft MSL)
- 03EW2112 at 100 GPM, Screen Setting from -90 to -110 Ft MSL
- 03EW2112 at 150 GPM, Screen Setting from -90 to -110 Ft MSL
- 03EW2112 at 200 GPM, Screen Setting from -90 to -110 Ft MSL

Data Source: AFCEE, January 2012, MMR-AFCEE Data Warehouse

N

0 130 260 Feet

FIGURE 9

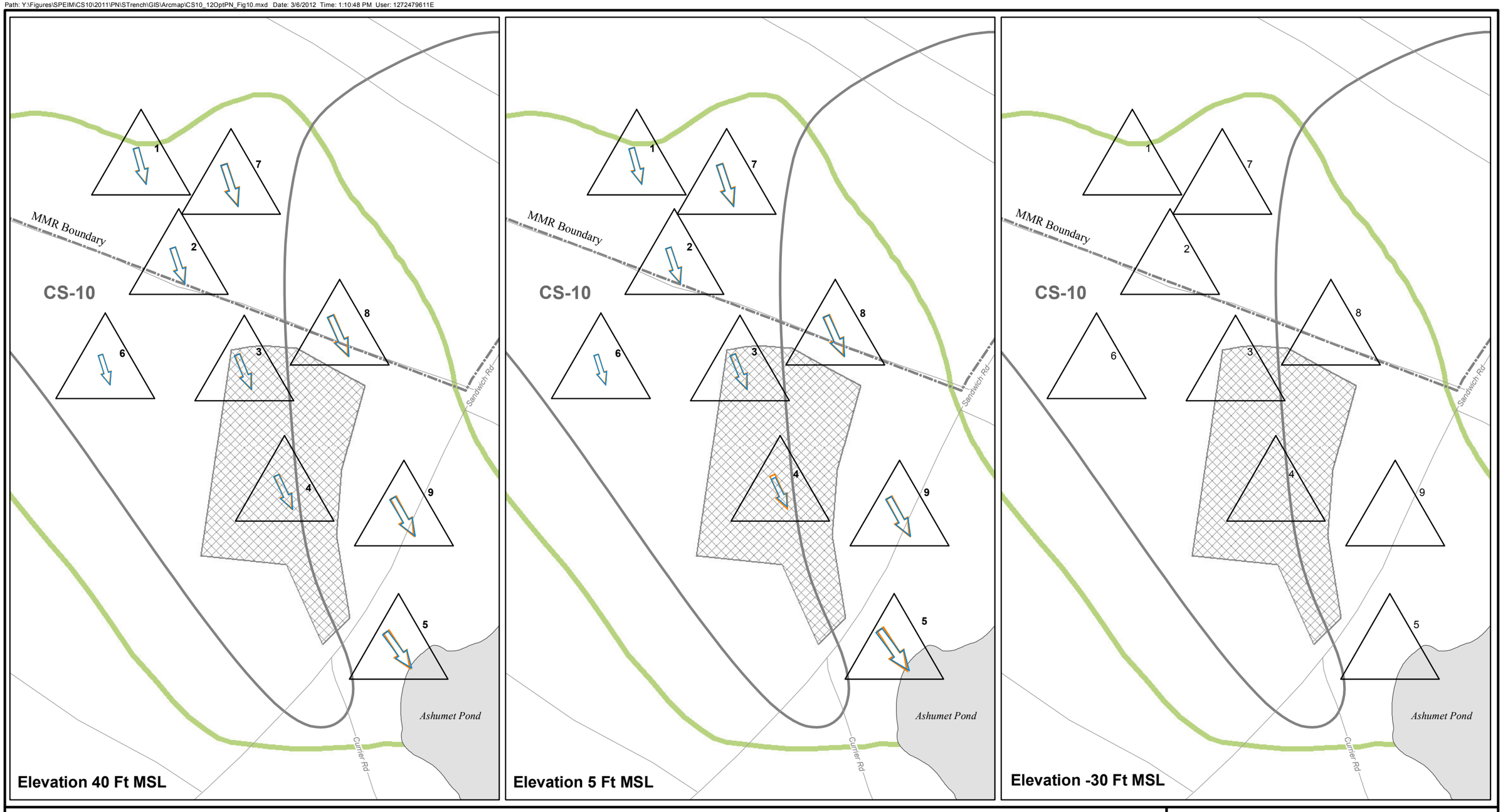
COMPARISON OF PARTICLE TRACKS IN THE VICINITY OF THE PHOSPHORUS PLUME

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Legend

- Massachusetts Military Reservation Boundary
- Plume Boundary
- Triangular Network and Triangle Number (1)
- Phosphorus Plume (Mapped to 0.1 mg/L)
- USGS Tracer Test Site

Data Source: AFCEE, January 2012, MMR-AFCEE Data Warehouse

Horizontal Component of Hydraulic Gradient (Model-Simulated)

Magnitude:	0.0020	0.0021	0.0022	0.0023	0.0024
03EW2112 Flow Rate: 100 GPM					
03EW2112 Flow Rate: 290 GPM	0.0020	0.0021	0.0022	0.0023	0.0024

0 175 350 Feet

FIGURE 10

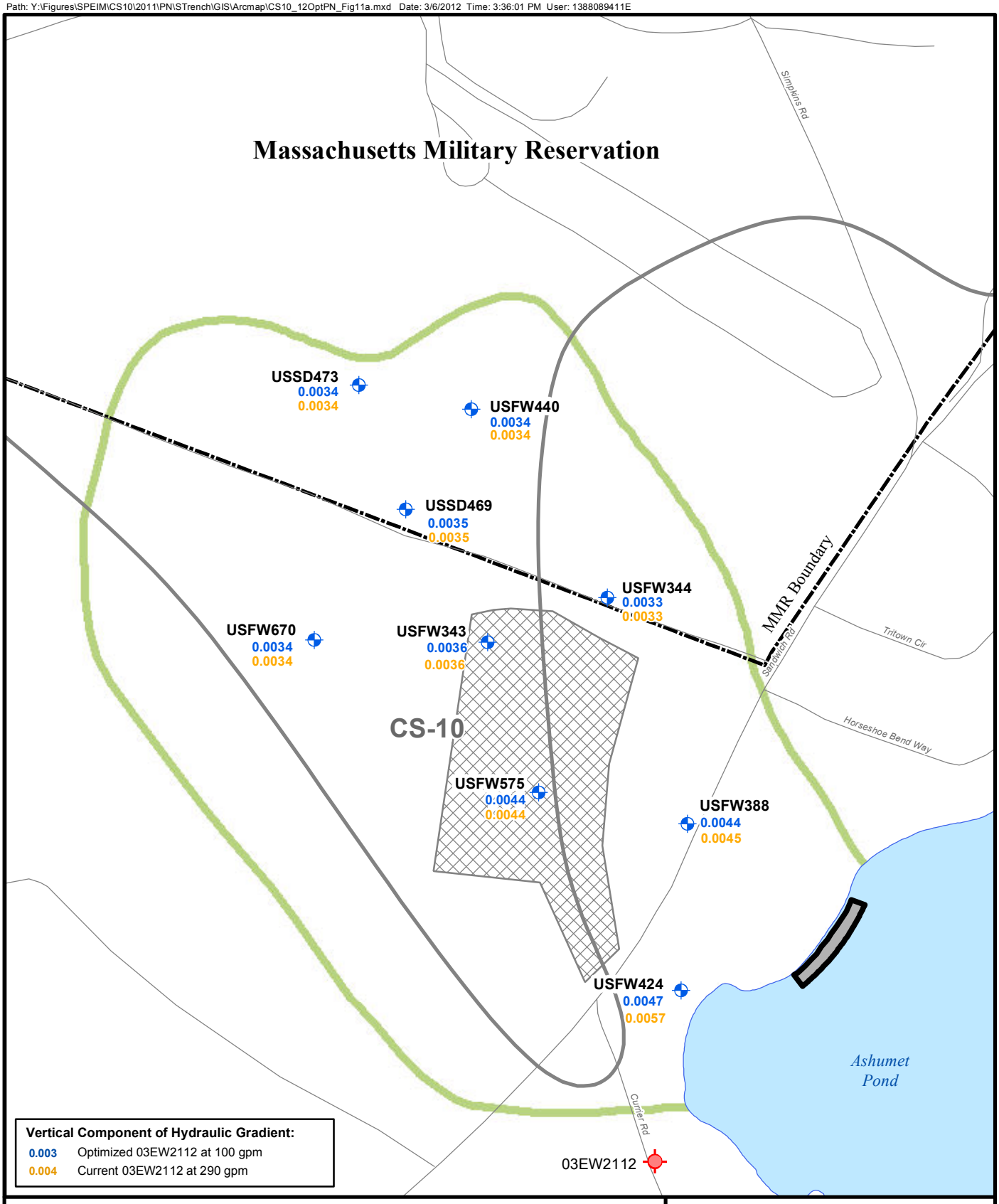
IMPACT OF SYSTEM OPTIMIZATION ON HORIZONTAL COMPONENT OF HYDRAULIC GRADIENT

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Data Source: AFCEE, January 2012, MMR-AFCEE Data Warehouse

Legend

- Monitoring Well
- Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary
- Ashumet Pond Geochemical Barrier
- Phosphorus Plume
- USGS Tracer Test Site

N

0 200 400 Feet

FIGURE 11a

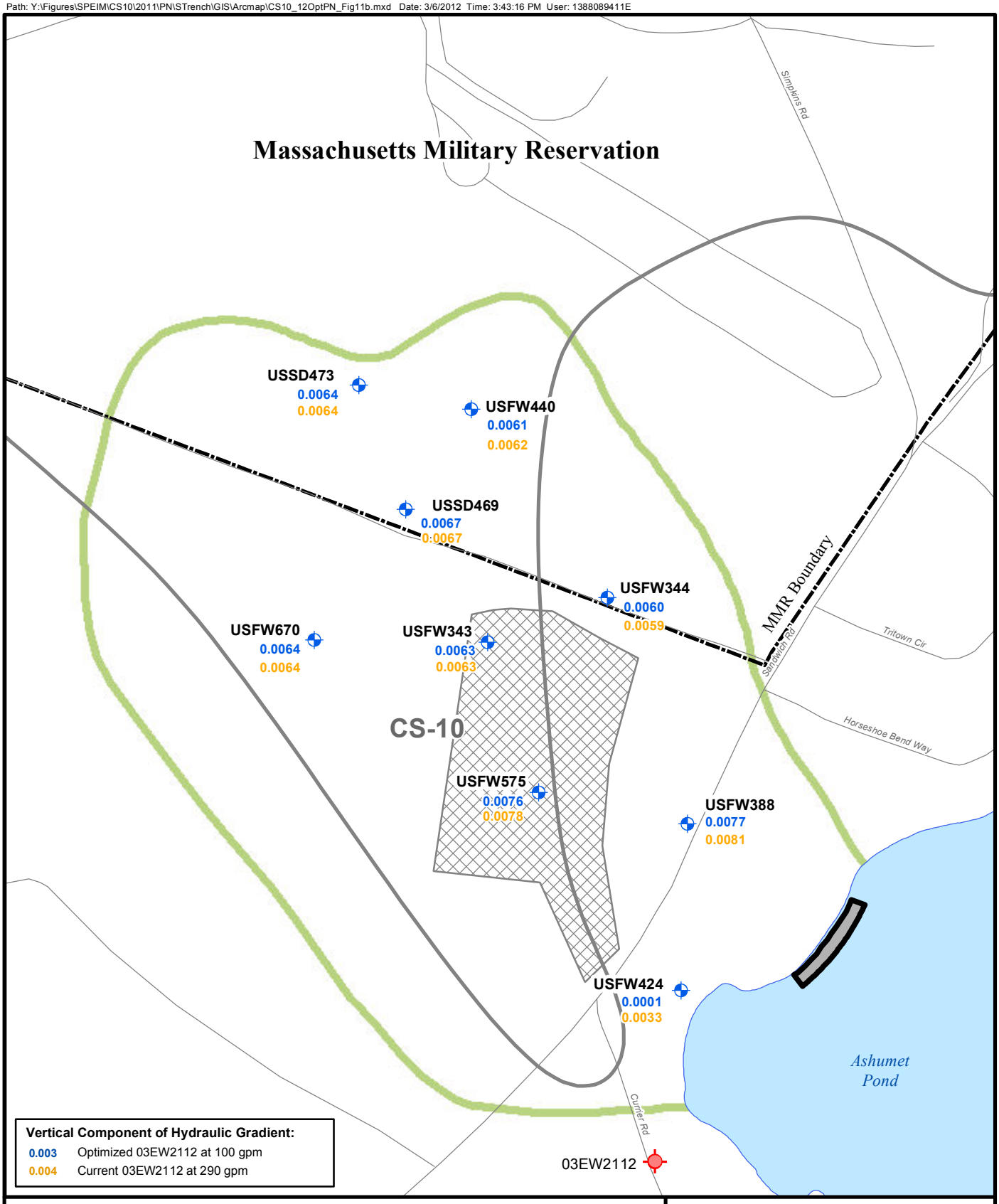
COMPARISON OF VERTICAL COMPONENT OF HYDRAULIC GRADIENTS UNDER CURRENT AND OPTIMIZED CONDITIONS (40 FT MSL TO 5 FT MSL)

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Data Source: AFCEE, January 2012, MMR-AFCEE Data Warehouse

Legend

- Monitoring Well
- Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary
- Ashumet Pond Geochemical Barrier
- Phosphorus Plume
- USGS Tracer Test Site

N

0 200 400 Feet

FIGURE 11b

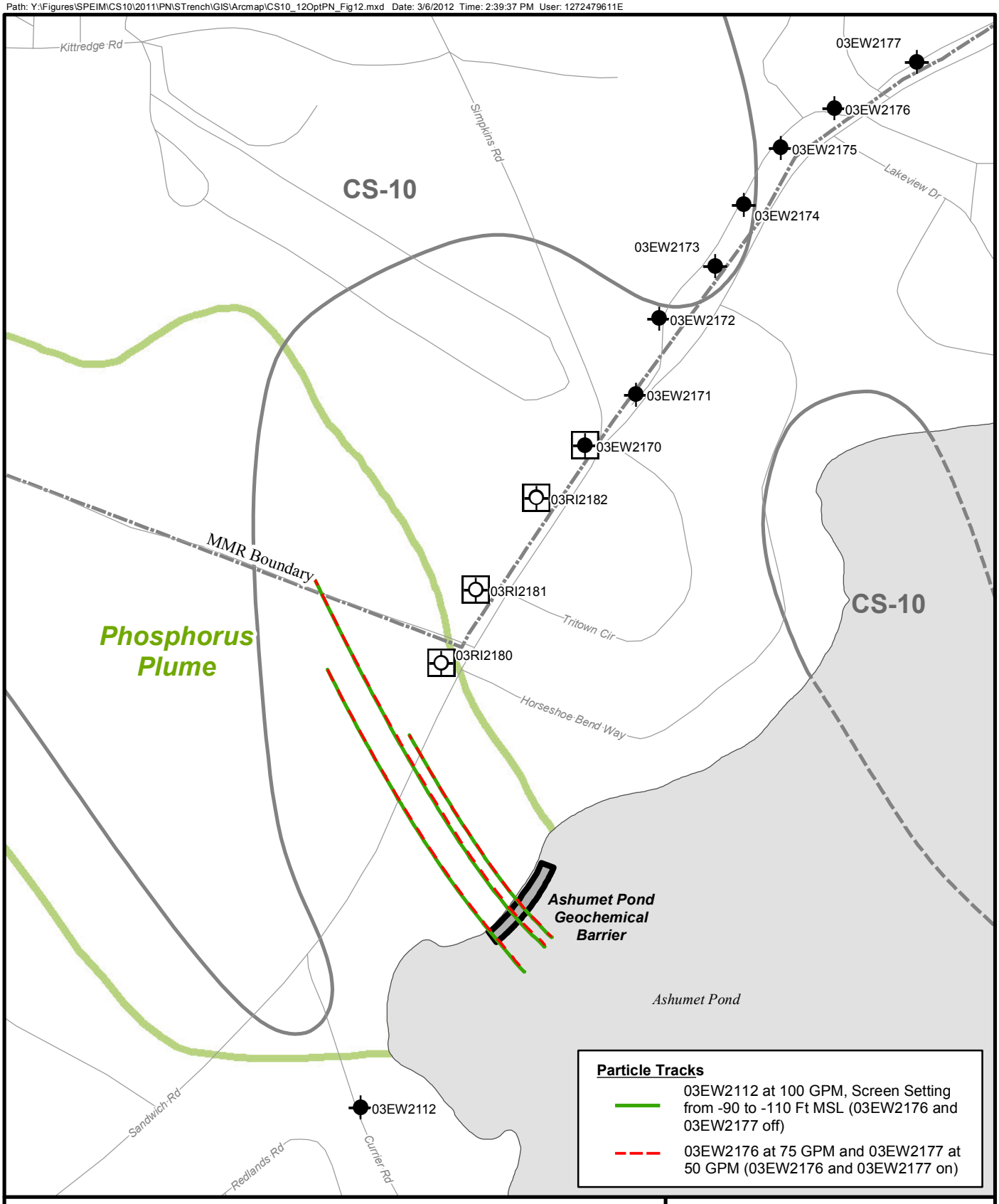
COMPARISON OF VERTICAL COMPONENT OF HYDRAULIC GRADIENTS UNDER CURRENT AND OPTIMIZED CONDITIONS (40 FT MSL TO -30 FT MSL)

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Legend

- Offline Reinjection Well
- Extraction Well
- Offline Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary
- Phosphorus Plume Boundary (Mapped to 0.1 mg/L)

Data Source: AFCEE, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

N

0 200 400 Feet

FIGURE 12

PHOSPHOROUS PLUME PARTICLE TRACKS WITH 03EW2176 AND 03EW2177 OPERATING

AFCEE - Massachusetts Military Reservation
CS-10 2011 Southern Trench Area Optimization Project Note

CH2MHILL

Table 1
Well Construction Information for Selected Southern Trench Area Monitoring Locations
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
03DP0038A	234103.4	861374.9	69.29	68.99	149	-75.17	-80.17	5
03EW2112	232281.9	862046.1	58.41	58.40	213	-89.59	-149.59	60
03MW1013A	234498.2	861217.6	79.19	81.37	236	-150.81	-155.81	5
03MW1013B	234498.1	861217.4	79.19	81.40	156	-70.81	-75.81	5
03MW1016A	234824.8	861198.2	85.85	85.47	206	-115.18	-119.75	5
03MW1016B	234824.7	861198.3	85.85	85.50	133	-42.30	-46.87	5
03MW1023B	233162.4	861704.8	60.38	59.71	220	-153.92	-158.62	5
03MW1023C	233162.1	861704.6	60.38	59.75	136	-69.70	-74.62	5
03MW1046A	232259.1	862051.6	57.92	57.67	212	-148.68	-153.49	5
03MW1046B	232259.0	862051.7	57.92	57.64	138	-74.28	-79.08	5
03MW1046C	232259.1	862051.6	57.92	57.64	115	-52.33	-57.08	5
03MW1058A	232567.7	861931.1	60.05	59.50	213	-148.71	-153.01	4
03MW1058B	232567.9	861931.1	60.05	59.61	181	-116.57	-120.93	4
03MW1058C	232567.8	861930.9	60.05	59.55	131	-65.43	-70.08	5
03MW1059A	231820.3	862234.7	56.13	55.50	210	-148.97	-153.37	4
03MW1059B	231815.5	862236.1	56.14	55.45	170	-109.06	-113.36	4
03MW1059C	231815.3	862236.2	56.14	55.68	120	-58.96	-63.56	5
95MW0109A	232708.1	861809.4	57.36	57.06	125	-63.04	-68.04	5
USFW343129	233668.0	861593.0	69.33	70.83	129	-57.67	-59.67	2
USFW343145	233668.0	861593.0	69.10	70.60	145	-73.81	-75.81	2
USFW383106	233263.0	861597.0	64.87	66.37	107	-40.13	-42.13	2
USFW383129	233263.1	861597.0	64.74	66.24	129	-62.26	-64.26	2
USFW577142	234045.0	861386.0	95.09	96.43	142	-44.62	-46.62	2
USFW586143	233905.0	861561.0	99.52	101.02	143	-41.42	-43.42	2

Data Source: AFCEE, March 2012, MMR-AFCEE Data Warehouse

Key:

bgs = below ground surface

ft = feet

msl = mean sea level

Table 2
Groundwater Monitoring Results - Selected Southern Trench Area Locations
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Date	Laboratory Analyses		Field Parameters					
		TCE (µg/L) MCL = 5	PCE (µg/L) MCL = 5	Temp (°C)	pH	DO (mg/L)	SpC	ORP (mV)	Turbidity (NTU)
03DP0038A	6/29/2009	**29**	ND	--	--	--	--	--	--
03DP0038A	11/19/2009	3.3	ND	--	--	--	--	--	--
03DP0038A	6/4/2010	**4.6**	ND	--	--	--	--	--	--
03DP0038A	3/15/2011	**6.7**	ND	--	--	--	--	--	--
03EW2112	2/26/2009	BRL	ND	11.23	7.49	5.88	79	210.6	6.5
03EW2112	4/14/2009	BRL	ND	11.92	7.02	6.83	91	152.2	0
03EW2112	12/29/2009	BRL	ND	--	--	--	--	--	--
03EW2112	1/12/2010	BRL	ND	--	--	--	--	--	--
03EW2112	2/2/2010	BRL	ND	--	--	--	--	--	--
03EW2112	2/16/2010	BRL	ND	--	--	--	--	--	--
03EW2112	3/2/2010	BRL	ND	--	--	--	--	--	--
03EW2112	3/18/2010	BRL	ND	--	--	--	--	--	--
03EW2112	6/17/2010	1.2	ND	--	--	--	--	--	--
03EW2112	7/1/2010	1.2	ND	--	--	--	--	--	--
03EW2112	7/16/2010	1.2	ND	--	--	--	--	--	--
03EW2112	7/29/2010	1.2	ND	--	--	--	--	--	--
03EW2112	8/12/2010	1.1	ND	--	--	--	--	--	--
03EW2112	8/26/2010	1.1	ND	--	--	--	--	--	--
03EW2112	9/10/2010	1.0	ND	--	--	--	--	--	--
03EW2112	8/18/2011	2.0	ND	13.66	6.2	6.02	98	136.2	0.2
03MW1013A	1/6/2011	ND	ND	--	--	--	--	--	--
03MW1013B	6/11/2009	1.2	ND	--	--	--	--	--	--
03MW1013B	11/9/2009	**6.8**	ND	--	--	--	--	--	--
03MW1013B	4/26/2010	**8.6**	ND	--	--	--	--	--	--
03MW1013B	1/6/2011	BRL	ND	--	--	--	--	--	--
03MW1016A	1/6/2011	ND	ND	--	--	--	--	--	--
03MW1016B	6/11/2009	**23**	ND	--	--	--	--	--	--
03MW1016B	11/9/2009	BRL	ND	--	--	--	--	--	--
03MW1016B	4/26/2010	ND	ND	--	--	--	--	--	--
03MW1016B	1/6/2011	ND	ND	--	--	--	--	--	--
03MW1023B	3/7/2011	ND	ND	--	--	--	--	--	--
03MW1023C	6/29/2009	4.5	ND	--	--	--	--	--	--
03MW1023C	12/8/2009	**11**	ND	--	--	--	--	--	--
03MW1023C	6/4/2010	**33**	ND	--	--	--	--	--	--
03MW1023C	3/7/2011	**63**	ND	--	--	--	--	--	--
03MW1046A	2/16/2009	ND	ND	11.13	6.85	5.3	80	153.2	15.6
03MW1046A	6/29/2009	ND	ND	--	--	--	--	--	--
03MW1046A	11/5/2009	ND	ND	--	--	--	--	--	--
03MW1046B	2/16/2009	ND	ND	11.32	6.35	9.9	85	195	1.8
03MW1046B	6/29/2009	BRL	ND	--	--	--	--	--	--
03MW1046B	11/5/2009	BRL	ND	--	--	--	--	--	--
03MW1046C	2/16/2009	BRL	ND	9.75	6.06	7.24	78	229	1.9
03MW1046C	6/29/2009	BRL	ND	--	--	--	--	--	--
03MW1046C	11/5/2009	3.9	ND	--	--	--	--	--	--
03MW1058A	4/30/2010	ND	ND	13.65	6.83	2.74	80	-48.2	0.4
03MW1058A	2/16/2011	ND	ND	--	--	--	--	--	--

Table 2
Groundwater Monitoring Results - Selected Southern Trench Area Locations
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Date	Laboratory Analyses		Field Parameters					
		TCE (µg/L) MCL = 5	PCE (µg/L) MCL = 5	Temp (^{o}C)	pH	DO (mg/L)	SpC	ORP (mV)	Turbidity (NTU)
03MW1058B	4/30/2010	BRL	BRL	14.52	6.7	5.09	84	42.5	0
03MW1058B	2/16/2011	BRL	ND	--	--	--	--	--	--
03MW1058C	5/3/2010	**21**	ND	11.26	5.54	8.07	122	155.1	13.3
03MW1058C	2/16/2011	1.5	ND	--	--	--	--	--	--
03MW1059A	5/3/2010	ND	ND	12.69	6.7	4.09	66	59.6	22.5
03MW1059A	2/16/2011	ND	ND	--	--	--	--	--	--
03MW1059B	5/3/2010	1.7	BRL	13.15	6.42	0.73	96	-34.3	2.4
03MW1059B	2/16/2011	BRL	ND	--	--	--	--	--	--
03MW1059C	5/3/2010	BRL	ND	11.1	6.03	1.9	228	94.1	1.3
03MW1059C	2/16/2011	ND	ND	--	--	--	--	--	--
95MW0109A	12/11/2009	**7.8**	ND	--	--	--	--	--	--
95MW0109A	6/2/2010	**47**	ND	14.12	5.2	8.34	136	226.6	3.2
95MW0109A	2/4/2011	**55**	ND	10.29	5.12	7.6	144	270.3	1.8
USFW343129	2/4/2011	**52**	ND	--	--	--	--	--	--
USFW343145	6/24/2009	**90**	ND	13.52	5.38	8.88	107	186.2	21.2
USFW343145	12/8/2009	**39**	ND	--	--	--	--	--	--
USFW343145	6/2/2010	**43**	ND	14.96	5.42	8.73	114	240.3	1.2
USFW343145	2/4/2011	**37**	ND	12.15	5.27	8.92	114	256.9	1.8
USFW383106	2/4/2011	ND	ND	--	--	--	--	--	--
USFW383129	12/8/2009	**57**	ND	--	--	--	--	--	--
USFW383129	6/2/2010	**32**	ND	14.84	5.49	8.55	146	251.5	1.9
USFW383129	2/4/2011	**42**	ND	10.78	5.37	8.97	147	258.4	0
USFW577142	12/8/2009	**16**	ND	--	--	--	--	--	--
USFW577142	6/2/2010	**8.6**	ND	14.44	5.69	9.5	135	205.3	3.2
USFW577142	2/4/2011	**6.2**	ND	11.6	5.66	9.6	126	239.9	2.3
USFW586143	12/8/2009	4.8	ND	--	--	--	--	--	--
USFW586143	2/8/2011	**7.5**	ND	--	--	--	--	--	--

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Notes:

Bold values indicate MCL exceedances.

MCLs from Environmental Protection Agency (EPA) web page, http://www.epa.gov/safewater/contaminants/index.html.

--: Sample collected through use of passive diffusion bag sampler or hydrasleeve sampler; field parameter collection not performed.

Key:

BRL = below the reporting limit
^{o}C = degrees Celsius
DO = dissolved oxygen
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 3
Groundwater Vertical Profile Results at 03MW1058A
CS-10 2011 Southern Trench Area Optimization Project Note

Sample Interval	Date Sampled	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	TCE (µg/L) MCL = 5 µg/L	PCE (µg/L) MCL = 5 µg/L
A	10/29/09	25	30	27.5	32.5	ND	ND
B	10/29/09	35	40	37.5	22.5	ND	ND
C	10/29/09	45	50	47.5	12.5	ND	ND
D	10/29/09	55	60	57.5	2.5	ND	ND
E	10/29/09	65	70	67.5	-7.5	ND	BRL
F	10/29/09	75	80	77.5	-17.5	ND	BRL
G	10/29/09	85	90	87.5	-27.5	ND	ND
H	10/29/09	95	100	97.5	-37.5	ND	ND
I	10/30/09	105	110	107.5	-47.5	ND	ND
J	10/30/09	115	120	117.5	-57.5	BRL	ND
K	10/30/09	125	130	127.5	-67.5	**25**	ND
L	10/30/09	135	140	137.5	-77.5	**19**	BRL
M	10/30/09	145	150	147.5	-87.5	BRL	ND
N	10/30/09	155	160	157.5	-97.5	ND	ND
O	11/2/09	165	170	167.5	-107.5	ND	BRL
P	11/2/09	175	180	177.5	-117.5	BRL	BRL
Q	11/2/09	185	190	187.5	-127.5	BRL	ND
R	11/2/09	195	200	197.5	-137.5	ND	ND
S	11/2/09	205	210	207.5	-147.5	ND	ND
T	11/3/09	215	220	217.5	-157.5	ND	ND
U	11/3/09	225	230	227.5	-167.5	ND	ND
V	11/9/09	235	240	237.5	-177.5	ND	ND

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Notes:

Ground surface elevation is approximately 60 ft msl.

03EW2112 screened from 148 to 208 ft bgs (-89.6 to -149.6 ft msl).

Bottom of boring was at 246 ft bgs (-186 ft msl).

Monitoring wells were installed from 205-210 ft bgs (03MW1058A), 175-180 ft bgs (03MW1058B), and 125-130 ft bgs (03MW1058C).

Key:

BOS = bottom of sample
BRL = below reporting limit
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TCE = trichloroethene
TOS = top of sample
µg/L = micrograms per liter

Table 4
Groundwater Vertical Profile Results at 03MW1059A
CS-10 2011 Southern Trench Area Optimization Project Note

Sample Interval	Date Sampled	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Depth (ft bgs)	Mid-Elevation (ft msl)	TCE (µg/L) MCL = 5 µg/L	PCE (µg/L) MCL = 5 µg/L
A	10/12/09	25	30	27.5	28.5	ND	ND
B	10/13/09	35	40	37.5	18.5	ND	ND
C	10/13/09	45	50	47.5	8.5	ND	ND
D	10/13/09	55	60	57.5	-1.5	ND	ND
E	10/14/09	65	70	67.5	-11.5	ND	ND
F	10/14/09	75	80	77.5	-21.5	ND	ND
G	10/14/09	85	90	87.5	-31.5	ND	ND
H	10/14/09	95	100	97.5	-41.5	ND	ND
I	10/14/09	105	110	107.5	-51.5	BRL	ND
J	10/15/09	115	120	117.5	-61.5	BRL	ND
K	10/15/09	125	130	127.5	-71.5	BRL	ND
L	10/15/09	135	140	137.5	-81.5	ND	ND
M	10/15/09	145	150	147.5	-91.5	BRL	BRL
N	10/16/09	155	160	157.5	-101.5	2.2	BRL
O	10/16/09	165	170	167.5	-111.5	2.6	BRL
P	10/16/09	175	180	177.5	-121.5	BRL	ND
Q	10/16/09	185	190	187.5	-131.5	ND	ND
R	10/19/09	195	200	197.5	-141.5	ND	ND
S	10/19/09	205	210	207.5	-151.5	BRL	ND
T	10/19/09	215	220	217.5	-161.5	ND	ND
U	10/19/09	225	230	227.5	-171.5	ND	ND
V	10/20/09	235	240	237.5	-181.5	ND	ND
W	10/20/09	245	250	247.5	-191.5	ND	ND
X	10/20/09	255	260	257.5	-201.5	NS	NS

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Notes:

Ground surface elevation is approximately 56 ft msl.

03EW2112 screened from 148 to 208 ft bgs (-89.6 to -149.6 ft msl).

Bottom of boring was at 261 ft bgs (-205 ft msl).

Monitoring wells were installed from 205-210 ft bgs (03MW1059A), 165-170 ft bgs (03MW1059B), and 115-120 ft bgs (03MW1059C).

Key:

BOS = bottom of sample

BRL = below reporting limit

ft bgs = feet below ground surface

ft msl = feet mean sea level

MCL = Maximum Contaminant Level

ND = not detected

NS = not sampled

PCE = tetrachloroethene

TCE = trichloroethene

TOS = top of sample

µg/L = micrograms per liter

Table 5
03EW2112 - Flow Testing Results
CS-10 2011 Southern Trench Area Optimization Project Note

Initial Flow Testing Results

Flow Rate (gpm)	Operation Timeframe	Sample Date	TCE (µg/L)
65	12/14/09 - 12/29/09	12/29/2009	0.21J
100	12/29/09 - 1/12/10	1/12/2010	0.28J
150	1/12/10 - 2/2/10	2/2/2010	0.42J
200	2/2/10 - 2/16/10	2/16/2010	0.46J
235	2/16/10-3/2/10	3/2/2010	0.64J
Replace pump/motor Week of 3/2/10			
290	3/4/10 - 3/18/10	3/18/2010	0.87J

Notes:

Pump and motor assembly was replaced prior to start of testing to achieve lower flow rates.

Sample collection occurred after two weeks of operation at target flow rate.

Flow rate of 150 gpm was maintained for three weeks because downtime was incurred during the second week of operation.

Second Flow Test - Packered Screen

Flow Rate (gpm)	Operation Timeframe		Sample Date	TCE (µg/L)
Replace pump/motor and packer off bottom 40 feet of well screen				
65	6/3/2010	6/17/2010	6/17/2010	1.2
100	6/17/2010	7/1/2010	7/1/2010	1.2
150	7/1/2010	7/16/2010	7/16/2010	1.2
200	7/16/2010	7/29/2010	7/29/2010	1.2
229	7/29/2010	8/12/2010	8/12/2010	1.1
Replace pump/motor on 8/12/10				
250	8/12/2010	8/26/2010	8/26/2010	1.1
290	8/26/2010	9/9/2010	9/10/2010	1.0

Notes:

Bottom 40 feet of wellscreen was blocked with a packer prior to flow testing.

Effective screen interval is 148-168 ft bgs (screen as installed is 148-208 ft bgs).

Key:

J = estimated concentration TCE = trichloroethene µg/L = micrograms per liter

Table 6
CS-10 Remediation System Flow Rates Under Current and Optimized Operating Conditions
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Easting (ft)	Northing (ft)	2009 Scenario 01 Flow Rates			03EW2112 at 100 gpm			03EW2112 at 150 gpm			03EW2112 at 200 gpm		
			Pumping Rate (gpm)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Pumping Rate (gpm)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Pumping Rate (gpm)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Pumping Rate (gpm)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)
Sandwich Road Extraction														
03EW2170	862736	234280	0	-100	-164	0	-100	-164	0	-100	-164	0	-100	-164
03EW2171	862892	234435	-75	-101	-157	-75	-101	-157	-75	-101	-157	-75	-101	-157
03EW2172	862963	234667	-75	-79	-163	-75	-79	-163	-75	-79	-163	-75	-79	-163
03EW2173	863134	234827	-100	-79	-165	-100	-79	-165	-100	-79	-165	-100	-79	-165
03EW2174	863221	235014	-100	-79	-163	-100	-79	-163	-100	-79	-163	-100	-79	-163
03EW2175	863334	235188	-60	-103	-164	-60	-103	-164	-60	-103	-164	-60	-103	-164
03EW2176	863497	235309	0	-125	-167	0	-125	-167	0	-125	-167	0	-125	-167
03EW2177	863749	235450	0	-125	-159	0	-125	-159	0	-125	-159	0	-125	-159
03EW2112	862052	232199	-290	-90	-150	-100	-90	-110	-150	-90	-110	-200	-90	-110
Total Sandwich Road Extraction			**-700**			**-510**			**-560**			**-610**		
Sandwich Road Reinjection														
03RI2180	862298	233616	0	-51	-151	0	-51	-151	0	-51	-151	0	-51	-151
03RI2181	862403	233839	0	-58	-158	0	-58	-158	0	-58	-158	0	-58	-158
03RI2182	862589	234120	0	-3	-73	0	-3	-73	0	-3	-73	0	-3	-73
03RI2183	864064	235658	120	11	-105	40	11	-105	40	11	-105	40	11	-105
03RI2184	864257	235832	162	-1	-160	156	-1	-160	156	-1	-160	156	-1	-160
03RI2185	864510	236022	163	-6	-156	108	-6	-156	108	-6	-156	108	-6	-156
Total Sandwich Road Reinjection			**445**			**304**			**304**			**304**		
Total In-Plume Extraction														
03EW2102	858952	242823	-460	-70	-131	-460	-70	-131	-460	-70	-131	-460	-70	-131
03EW2103	859806	239179	-300	-30	-70	-300	-30	-70	-300	-30	-70	-300	-30	-70
03EW2104	857773	241975	-230	10	-100	-230	10	-100	-230	10	-100	-230	10	-100
03EW2105	859752	241291	-450	2	-40	-450	2	-40	-450	2	-40	-450	2	-40
03EW2106	860382	240984	-80	18	-57	0	18	-57	0	18	-57	0	18	-57
03EW2107	856741	241230	-50	6	-50	-50	6	-50	-50	6	-50	-50	6	-50
03EW2109	861708	236634	-125	-24	-114	-125	-24	-114	-125	-24	-114	-125	-24	-114
03EW2110	860243	243932	-250	10	-70	-250	-40	-70	-250	-40	-70	-250	-40	-70
03EW2111	861004	235979	-425	-53	-98	-425	-53	-98	-425	-53	-98	-425	-53	-98
Total In-Plume Extraction			**-2370**			**-2290**			**-2290**			**-2290**		
Total In-Plume Reinjection														
Southern Infiltration Trench	857550	237525	1232	56	48	1232	56	48	1232	56	48	1232	56	48
Southwestern Infiltration Trench	855650	240275	758	58	53	678	58	53	678	58	53	678	58	53
03RI2112	861404	235344	380	-100	-190	380	-100	-190	380	-100	-190	380	-100	-190
Total In-Plume Reinjection			**2370**			**2290**			**2290**			**2290**		
Total Northern Lobe Extraction														
00EW0001	866114	231986	-175	-26	-66	-190	-26	-66	-190	-26	-66	-190	-26	-66
Total Northern Lobe Extraction			**-175**			**-190**			**-190**			**-190**		
Total SD-5 Reinjection														
28RIW0001	865406	235942	54	47	7	50	47	7	56	47	7	62	47	7
28RIW0002	865350	235969	54	49	9	50	49	9	56	49	9	62	49	9
28RIW0003	865312	235984	54	47	7	50	47	7	56	47	7	62	47	7
28RIW0004	865198	236048	54	45	5	50	45	5	56	45	5	62	45	5
28RIW0005	864754	236222	54	45	5	50	45	5	56	45	5	62	45	5
28RIW0006	864705	236230	54	45	3	50	45	3	56	45	3	62	45	3
28RIW0007	864661	236240	54	46	6	50	46	6	56	46	6	62	46	6
28RIW0008	864621	236232	54	44	4	50	44	4	56	44	4	62	44	4
Total SD-5 Reinjection			**430**			**396**			**446**			**496**		
Summary														
Total In-Plume Extraction			**-2370**			**-2290**			**-2290**			**-2290**		
Total In-Plume Reinjection			**2370**			**2290**			**2290**			**2290**		
Total Sandwich Rd/Northern Lobe Extraction			**-875**			**-700**			**-750**			**-800**		
Total Sandwich Rd/SD-5 Reinjection			**875**			**700**			**750**			**800**		

Notes:
Shaded cells indicate a change from original design flow rates.
Negative pumping rates mean extraction, positive rates mean injection.

Key:
CS-10 = Chemical Spill-10
ft = feet
gpm = gallons per minute
msl = mean sea level
SD-5 = Storm Drain-5

Table 7
Impact of CS-10 Remediation System Operating Conditions on Horizontal Component of Hydraulic Gradient in USGS Tracer Test Site
CS-10 2011 Southern Trench Area Optimization Project Note

Triangle #	Triangle Wells	Triangle Center		03EW2112 at 290 gpm		03EW2112 at 100 gpm		03EW2176 and 03EW2177 online*	
		Easting (ft)	Northing (ft)	Azimuth	Magnitude	Azimuth	Magnitude	Azimuth	Magnitude
40 ft msl Elevation Slice									
1	USSD473pt1 USSD473pt2 USSD473pt3	234450	861221	165	0.0022	164	0.0022	163	0.0022
2	USSD469pt1 USSD469pt2 USSD469pt3	234101	861353	162	0.0022	161	0.0022	161	0.0022
3	USFS343pt1 USFS343pt2 USFS343pt3	233728	861583	159	0.0022	157	0.0022	157	0.0022
4	USFS575pt1 USFS575pt2 USFS575pt3	233306	861725	156	0.0022	154	0.0022	154	0.0021
5	USFS424pt1 USFS424pt2 USFS424pt3	232751	862125	147	0.0023	143	0.0023	143	0.0023
6	USFS670pt1 USFS670pt2 USFS670pt3	233735	861096	163	0.0021	162	0.0021	162	0.0021
7	USFS440pt1 USFS440pt2 USFS440pt3	234382	861537	162	0.0023	161	0.0023	160	0.0023
8	USFS344pt1 USFS344pt2 USFS344pt3	233853	861918	157	0.0023	155	0.0023	154	0.0023
9	USFS388pt1 USFS388pt2 USFS388pt3	233219	862143	152	0.0023	149	0.0023	149	0.0023
5 ft msl Elevation Slice									
1	USSD473pt1 USSD473pt2 USSD473pt3	234450	861221	165	0.0022	164	0.0022	163	0.0022
2	USSD469pt1 USSD469pt2 USSD469pt3	234101	861353	162	0.0022	161	0.0022	161	0.0022

Table 7
Impact of CS-10 Remediation System Operating Conditions on Horizontal Component of Hydraulic Gradient in USGS Tracer Test Site
CS-10 2011 Southern Trench Area Optimization Project Note

Triangle #	Triangle Wells	Triangle Center		03EW2112 at 290 gpm		03EW2112 at 100 gpm		03EW2176 and 03EW2177 online*	
		Easting (ft)	Northing (ft)	Azimuth	Magnitude	Azimuth	Magnitude	Azimuth	Magnitude
3	USFS343pt1 USFS343pt2 USFS343pt3	233728	861583	159	0.0022	157	0.0022	157	0.0022
4	USFS575pt1 USFS575pt2 USFS575pt3	233306	861725	156	0.0022	154	0.0021	154	0.0021
5	USFS424pt1 USFS424pt2 USFS424pt3	232751	862125	147	0.0024	143	0.0024	143	0.0023
6	USFS670pt1 USFS670pt2 USFS670pt3	233735	861096	163	0.0021	162	0.0021	162	0.0021
7	USFS440pt1 USFS440pt2 USFS440pt3	234382	861537	162	0.0023	161	0.0023	160	0.0023
8	USFS344pt1 USFS344pt2 USFS344pt3	233853	861918	157	0.0023	155	0.0023	154	0.0023
9	USFS388pt1 USFS388pt2 USFS388pt3	233219	862143	152	0.0023	150	0.0023	149	0.0023
-30 ft msl Elevation Slice									
1	USSD473pt1 USSD473pt2 USSD473pt3	234450	861221	165	0.0022	164	0.0022	163	0.0022
2	USSD469pt1 USSD469pt2 USSD469pt3	234101	861353	163	0.0022	161	0.0021	161	0.0022
3	USFS343pt1 USFS343pt2 USFS343pt3	233728	861583	159	0.0022	157	0.0022	157	0.0022
4	USFS575pt1 USFS575pt2 USFS575pt3	233306	861725	156	0.0022	154	0.0021	154	0.0021
5	USFS424pt1 USFS424pt2 USFS424pt3	232751	862125	148	0.0023	143	0.0023	144	0.0023

Table 7
Impact of CS-10 Remediation System Operating Conditions on Horizontal Component of Hydraulic Gradient in USGS Tracer Test Site
CS-10 2011 Southern Trench Area Optimization Project Note

Triangle #	Triangle Wells	Triangle Center		03EW2112 at 290 gpm		03EW2112 at 100 gpm		03EW2176 and 03EW2177 online*	
		Easting (ft)	Northing (ft)	Azimuth	Magnitude	Azimuth	Magnitude	Azimuth	Magnitude
6	USFS670pt1 USFS670pt2 USFS670pt3	233735	861096	163	0.0021	162	0.002	162	0.0021
7	USFS440pt1 USFS440pt2 USFS440pt3	234382	861537	162	0.0023	161	0.0023	160	0.0023
8	USFS344pt1 USFS344pt2 USFS344pt3	233853	861918	157	0.0023	154	0.0023	154	0.0023
9	USFS388pt1 USFS388pt2 USFS388pt3	233219	862143	152	0.0023	149	0.0023	149	0.0023

Note:
* - 03EW2112 operating at 100 gpm, 03EW2176 operating at 75 gpm, and 03EW2177 operating at 50 gpm.

Key:
CS-10 = Chemical Spill-10
ft = feet
msl = mean sea level
USGS = U.S. Geological Survey

Table 8
Impact of CS-10 Remediation System Operating Conditions on Vertical Component of Hydraulic Gradient in USGS Tracer Test Site
CS-10 2011 Southern Trench Area Optimization Project Note

Triangle Location	Triangle Center		03EW2112 at 290 gpm		03EW2112 at 100 gpm		03EW2176 and 03EW2177 online*	
	Easting (ft)	Northing (ft)	40 ft msl to 5 ft msl	40 ft msl to -30 ft msl	40 ft msl to 5 ft msl	40 ft msl to -30 ft msl	40 ft msl to 5 ft msl	40 ft msl to -30 ft msl
USSDW473	234450	861221	0.0034	0.0064	0.0034	0.0064	0.0034	0.0064
USSDW469	234101	861353	0.0035	0.0067	0.0035	0.0067	0.0035	0.0067
USFSW343	233728	861583	0.0036	0.0063	0.0036	0.0063	0.0036	0.0063
USFSW575	233306	861725	0.0044	0.0078	0.0044	0.0076	0.0044	0.0076
USFSW424	232751	862125	0.0057	0.0033	0.0047	0.0001	0.0047	0.0001
USFSW670	233735	861096	0.0034	0.0064	0.0034	0.0064	0.0034	0.0064
USFSW440	234382	861537	0.0034	0.0062	0.0034	0.0061	0.0034	0.0061
USFSW344	233853	861918	0.0033	0.0059	0.0033	0.0060	0.0033	0.0060
USFSW388	233219	862143	0.0045	0.0081	0.0044	0.0077	0.0044	0.0077

Note:

* - 03EW2112 is operating at 100 gpm, 03EW2176 is operating at 75 gpm, and 03EW2177 is operating at 50 gpm.

Key:
CS-10 = Chemical Spill-10
ft = feet
msl = mean sea level
USGS = U.S. Geological Survey

Table 9
CS-10 Remediation System Flow Rates Under 2012 Scenario 01 Operating Conditions
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Easting (ft)	Northing (ft)	Pumping Rate (gpm)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)
Sandwich Road Extraction					
03EW2170	862736	234280	0	-100	-164
03EW2171	862892	234435	-75	-101	-157
03EW2172	862963	234667	-75	-79	-163
03EW2173	863134	234827	-100	-79	-165
03EW2174	863221	235014	-100	-79	-163
03EW2175	863334	235188	-60	-103	-164
03EW2176	863497	235309	-75	-125	-167
03EW2177	863749	235450	-50	-125	-159
03EW2112	862052	232199	-100	-90	-110
Total Sandwich Road Extraction			**-635**		
Sandwich Road Reinjection					
03RI2180	862298	233616	0	-51	-151
03RI2181	862403	233839	0	-58	-158
03RI2182	862589	234120	0	-3	-73
03RI2183	864064	235658	40	11	-105
03RI2184	864257	235832	156	-1	-160
03RI2185	864510	236022	108	-6	-156
Total Sandwich Road Reinjection			**304**		
Total In-Plume Extraction					
03EW2102	858952	242823	-460	-70	-131
03EW2103	859806	239179	-300	-30	-70
03EW2104	857773	241975	-230	10	-100
03EW2105	859752	241291	-450	2	-40
03EW2106	860382	240984	0	18	-57
03EW2107	856741	241230	-50	6	-50
03EW2109	861708	236634	-125	-24	-114
03EW2110	860243	243932	-250	-40	-70
03EW2111	861004	235979	-425	-53	-98
Total In-Plume Extraction			**-2290**		
Total In-Plume Reinjection					
Southern Infiltration Trench	857550	237525	1232	56	48
Southwestern Infiltration Trench	855650	240275	678	58	53
03RI2112	861404	235344	380	-100	-190
Total In-Plume Reinjection			**2290**		
Total Northern Lobe Extraction					
00EW0001	866114	231986	-190	-26	-66
Total Northern Lobe Extraction			**-190**		
Total SD-5 Reinjection					
28RIW0001	865406	235942	65	47	7
28RIW0002	865350	235969	65	49	9
28RIW0003	865312	235984	65	47	7
28RIW0004	865198	236048	65	45	5
28RIW0005	864754	236222	65	45	5
28RIW0006	864705	236230	65	45	3
28RIW0007	864661	236240	65	46	6
28RIW0008	864621	236232	65	44	4
Total SD-5 Reinjection			**521**		
Summary					
Total In-Plume Extraction			**-2290**		
Total In-Plume Reinjection			**2290**		
Total Sandwich Rd/Northern Lobe Extraction			**-825**		
Total Sandwich Rd/SD-5 Reinjection			**825**		

Notes:
Shaded cells indicate a change from current design flow rates.
Negative pumping rates mean extraction, positive rates mean injection.

Key:
gpm = gallons per minute
msl = mean sea level

ATTACHMENT A

15 December 2010 Technical Update Meeting Presentation

03EW2112 Flow Testing Results
15 December 2010 Technical Update Meeting

Background:

- Began operation of 03EW2112 on 19 February 2009 at 290 gpm.
- 03EW2112 was temporarily taken out of operation on 17 April 2009 because influent concentrations and monitoring well results indicated the leading edge of the plume had not reached the extraction well.
- Increased sampling of wells in area, completed RAM analysis, completed two sonic borings, and installed 6 monitoring wells to help determine when the leading edge of the plume reaches 03EW2112.
- Monitoring results (Nov 09) indicated the plume was at or near immediate capture zone for 03EW2112. Completed initial flow test at 03EW2112 at flow rates ranging from 65 to 290 gpm. TCE influent concentrations were not detected above the reporting limit at any of the flow rates tested.
- Based on groundwater screening results at 03MW1058A, a second flow test with a packered configuration (blocking off the bottom 40 feet with a packer) was started on 03 June 2010.

03EW2112 Flow Testing Results
15 December 2010 Technical Update Meeting

Initial Flow Test Results

Flow Rate (gpm)	Operation Timeframe	Sample Date	TCE (µg/L)
65	12/14/09 - 12/29/09	12/29/2009	0.21J
100	12/29/09 - 1/12/10	1/12/2010	0.28J
150	1/12/10 - 2/2/10	2/2/2010	0.42J
200	2/2/10 - 2/16/10	2/16/2010	0.46J
235	2/16/10-3/2/10	3/2/2010	0.64J
Replace pump/motor Week of 3/2/10			
290	3/4/10 - 3/18/10	3/18/2010	0.87J

Notes:

Pump and motor was replaced prior to start of testing to achieve lower flow rates.

Sample collection occurs after two weeks of operation at target flow rate.

Flow rate of 150 gpm was maintained for three weeks because downtime was incurred during the second week of operation.

03EW2112 Flow Testing Results

15 December 2010 Technical Update Meeting

Second Flow Test – Packered Screen

Flow Rate (gpm)	Operation Timeframe		Sample Date	TCE (µg/L)
Replace pump/motor and packer off bottom 40 feet of well screen				
65	6/3/2010	6/17/2010	6/17/2010	1.2
100	6/17/2010	7/1/2010	7/1/2010	1.2
150	7/1/2010	7/16/2010	7/16/2010	1.2
200	7/16/2010	7/29/2010	7/29/2010	1.2
229	7/29/2010	8/12/2010	8/12/2010	1.1
Replace pump/motor on 8/12/10				
250	8/12/2010	8/26/2010	8/26/2010	1.1
290	8/26/2010	9/9/2010	9/10/2010	1.0

Notes:

Bottom 40 feet of wellscreen was blocked with a packer prior to flow testing

Effective screen interval will then be 148-168 ft bgs (screen as installed is 148-208 ft bgs)

Pump/motor used for lower flow rates: 6CLC 5-stage, 4.22" impellers, 40 HP motor

Pump/motor used for higher flow rates: 7CLC 5-stage, 4.69" impellers, 40 HP motor

03EW2112 Flow Testing Results
15 December 2010 Technical Update Meeting

Groundwater Flow and Transport Modeling:

- Selected three flow rates with highest TCE influent concentrations for further evaluation to assist in determining an appropriate interim flow rate for 03EW2112.
- Completed particle tracking to determine 03EW2112 capture zone at 100, 150, and 200 gpm flow rates with packered configuration.
- Completed draft localized update of the 2007 TCE plume shell in southern trench area with 2010 results and no boundary control (straight kriging).
- Completed transport modeling with three different flow rates and packered configuration.

Transport Animations

03EW2112 Flow Testing Results
15 December 2010 Technical Update Meeting

Recommended Path Forward:

- Groundwater flow and transport modeling results do not indicate any significant difference in plume capture for the next few years for the three flow rates tested.
- Operate 03EW2112 at the more efficient flow rate of 100 gpm with a packered configuration, blocking off the bottom 40 feet with a packer (screened from 148 to 208 ft bgs).
- Given recommended extraction rate of 100 gpm reassess reinjection scheme to minimize hydraulic impact on phosphorus plume with this interim flow rate.
- Sample upgradient monitoring wells 03MW1058A,B,C, USFW383129, USFW577142, and 95MW0109A semiannually for VOCs to monitor for plume changes directly upgradient of the extraction well.
- Sample downgradient monitoring wells 03MW1059A,B,C annually for VOCs.
- Continue semiannual sampling at extraction well 03EW2112.
- Present sampling results at future technical update meetings.

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Legend

- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- Extraction Well
- Monitoring Well

Data Source: AFCEE, MMR-AFCEE Data Warehouse
2007 Aerial Photography from MA ANG

N

0 150 300 Feet

03EW2112 CS-10 MONITORING NETWORK

AFCEE - Massachusetts Military Reservation

15 December 2010 Technical Update Meeting

CH2MHILL

ATTACHMENT B

CS-10 Southern Trench Area
Residual Analysis Method Evaluation

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Figure B-2 Spatial Distribution of Residual Deviations from the Mean for April 2009 Hydraulic Analysis

Figure B-3 Extent of Model Predicted Capture Zones for February 2009 Hydraulic Analysis

Figure B-4 Extent of Model Predicted Capture Zones for April 2009 Hydraulic Analysis

Tables

Table B-1 CS-10 Groundwater Elevations and Model Residuals

Table B-2 CS-10 Southern Trench Area RAM Analysis Pumping Rates

ACRONYMS AND ABBREVIATIONS

CS-10	Chemical Spill-10
ft	feet
msl	mean sea level
RAM	residual analysis method
TCE	trichloroethene

B1.0 CS-10 GROUNDWATER MODEL HYDRAULIC ANALYSIS

The objectives of hydraulic monitoring relative to the Chemical Spill-10 (CS-10) remediation systems and plume are to: (1) determine the extent of the remediation system hydraulic capture zone; and (2) evaluate the ability of the CS-10 groundwater flow model to predict plume capture and migration. These objectives were achieved by performing a hydraulic evaluation for CS-10 that utilized the residual analysis method (RAM) technique (AFCEE 2004). This method of analyzing the hydraulic data includes the following steps:

- Calculation of head residuals between the groundwater elevations measured at the monitoring wells during synoptic water level surveys and the simulated heads from the groundwater flow model using the remediation system extraction and infiltration rates recorded during the synoptic events.
- Application of head residuals to adjust the model results to produce an amended potentiometric head distribution that closely approximates the measured data while retaining the hydraulic insight of the model.
- The application of the amended flow field to generate estimated (amended) remediation system hydraulic capture zones.

The RAM method was applied to groundwater level data collected during two synoptic events. The two synoptic water level surveys were completed on 11-12 February 2009 under Scenario 56 operating conditions (pre-system optimization with 03EW2112 off) and on 16 April 2009 under 2009 Scenario 01 operating conditions (after system optimization with 03EW2112 operating). Measured groundwater elevations are listed in **Table B-1**. For this RAM analysis, the Ashumet Pond stage reported for both events was assumed to apply to the entire pond and this elevation was assigned to 13 points around the northern boundary of the pond.

Steady-state groundwater elevations were generated using the 2007 CS-10 groundwater flow model (AFCEE 2008). The operation of the CS-10 remediation systems was represented in the model by the average daily pumping rates for 11 February 2009 and 16 April 2009, which are listed in **Table B-2**. The most significant differences between the pumping regimes on the days of the two water level surveys includes: (1) operation of new extraction well 03EW2112 and new reinjection well 03RI2112 during the April 2009 event and

(2) operation of CS-10 Sandwich Road system reinjection wells 03RI2180, 03RI2181, and 03RI2182, and extraction well 03EW2176 during the February 2009 event (Table B-2).

The model-simulated groundwater elevations were compared to the measured groundwater elevations for the February 2009 and April 2009 synoptic events. The model water level residuals were calculated by subtracting the observed water levels from the model simulated water levels and are listed in Table B-1. The spatial distribution of water level residuals for the two events are shown in Figures B-1 and B-2, respectively. The average water level residual for the February 2009 event was -0.302 feet (ft), with a standard deviation of 0.586 ft. For the February 2009 dataset, water levels measured at wells 03MW0054B, 03MW0064, and 03MW0214G were not used because the measurements at these three locations appeared anomalous compared to the surrounding measured water levels. The average water level residual, for the April 2009 event, was -0.519 ft, with a standard deviation of 0.724 ft.

The simulated head residuals calculated for the monitoring well locations included in the water level surveys were distributed to the CS-10 groundwater flow model grid by using a confined aquifer version of the flow model with no wells or recharge, and no drain and/or river cells. In this special model version all of the peripheral boundaries were no flow boundaries and the head residuals were applied to the model as general head boundary cells. After running this model version, the gridded head residuals were then subtracted from the simulated groundwater elevations producing the amended head distributions. As shown in Table B-1, the average amended head residual, for the February 2009 synoptic event, was -0.001 ft, with a standard deviation of 0.115 ft. The average amended head residual, for the April 2009 synoptic event, was -0.004 ft, with a standard deviation of 0.143 ft. The small magnitude of these average head residuals and standard deviations indicates that the two amended head solutions more closely approximate the measured data for the two synoptic events.

The two amended head solutions were used as the starting head conditions for a zero iteration version of the CS-10 groundwater flow model to generate the corresponding amended flow

solution cell-by-cell budget files. The amended head solutions along with the amended flow solutions were used with particle tracking to generate amended or "estimated" hydraulic capture zones for the CS-10 remediation system extraction wells. These amended hydraulic capture zones resemble the simulated capture zones that would be generated if the CS-10 flow model were recalibrated to better match the groundwater levels measured during the two synoptic survey events. Comparison of the amended hydraulic capture zones to the unamended hydraulic capture zones provides a visual indication of the ability of the CS-10 groundwater flow model to accurately predict plume capture.

Delineation of the hydraulic capture zones for the CS-10 remediation system extraction wells was accomplished by a particle tracking simulation in which one particle was started in each model cell in the area of the hydraulic monitoring network. Particles that were started in the model cells located within the capture zones migrated to an extraction well and were captured. Particles starting in model cells located outside the capture zones discharged to other exit points in the model. The captured particles were then illustrated by three-dimensional visualization software, which created bounding isosurfaces between the captured and uncaptured portions of the aquifer. Capture zones were delineated in this way using both the unamended head field and the amended head field; the latter is believed to more closely match the actual hydraulic conditions based on the measured groundwater elevations.

Figure B-3 shows the extent of the composite hydraulic capture zone for the model results using both the unamended and the amended head field for the February 2009 synoptic survey. The composite capture zone shown is for the entire CS-10 remedial system, but the area of interest shown on the figure primarily illustrates the hydraulic effects of the CS-10 Sandwich Road remediation system and CS-10 In-Plume extraction wells 03EW2109 and 03EW2111. A horizontal slice through the three-dimensional composite capture zone is presented at four different elevations in the aquifer; -20, -60, -100, and -140 ft mean sea level (msl). Also shown on **Figure B-3** are the corresponding horizontal slices through the 2007 CS-10 trichloroethene (TCE) plume shell (AFCEE 2008). Comparison of the unamended and amended capture zones indicates that the CS-10 groundwater flow model simulates groundwater flow in the southern trench area reasonably well. Based on the results of the

RAM analysis, the 2007 CS-10 groundwater flow model (AFCEE 2008) is suitable for predicting the extent of hydraulic capture by the CS-10 remedial system in the southern trench area. The most significant difference between the unamended and amended capture zones is that the model tends to slightly under estimate the western extent of hydraulic capture generated by the CS-10 Sandwich Road remediation system and may under estimate hydraulic capture in the area between extraction wells 03EW2109 and 03EW2111.

Since extraction well 03EW2112 was not operational during the February 2009 synoptic event, the TCE contamination south of extraction well 03EW2111 shown in the -60 and -100 ft msl slices is uncaptured. TCE contamination located between extraction well 03EW2111 and the infiltration trench in the -140 ft msl elevation slice is also outside of the system capture zone; low hydraulic conductivity aquifer materials in the model from approximately -80 to -140 ft msl limit the western extent of the 03EW2111 capture zone at these elevations.

Figure B-4 shows the extent of the composite remedial system capture zone for both the unamended and amended head fields from the April 2009 hydraulic dataset. These composite capture zones include the hydraulic influence of 03EW2112 and 03RI2112 which were operating in April 2009. Similar to **Figure B-3**, **Figure B-4** includes a comparison of the extent of hydraulic capture at four different elevations in the aquifer; -20, -60, -100, and -140 ft msl. Comparison of the unamended and amended capture zones for the April 2009 dataset also indicates that the CS-10 flow model simulates groundwater flow and the extent of hydraulic capture in the Southern Trench area reasonably well with the new extraction and reinjection wells operating. As was the case for the February 2009 event, the model may under estimate the western extent of hydraulic capture generated by the CS-10 Sandwich Road extraction wells and the amended capture zone shows better capture of the TCE plume in the area between extraction wells 03EW2109 and 03EW2111.

As shown in the -140 ft msl slice, the CS-10 model may also over estimate hydraulic capture to the west and northwest of extraction well 03EW2111 in this deeper portion of the aquifer. Although this contamination may not be captured by 03EW2111 under 2009 Scenario 01

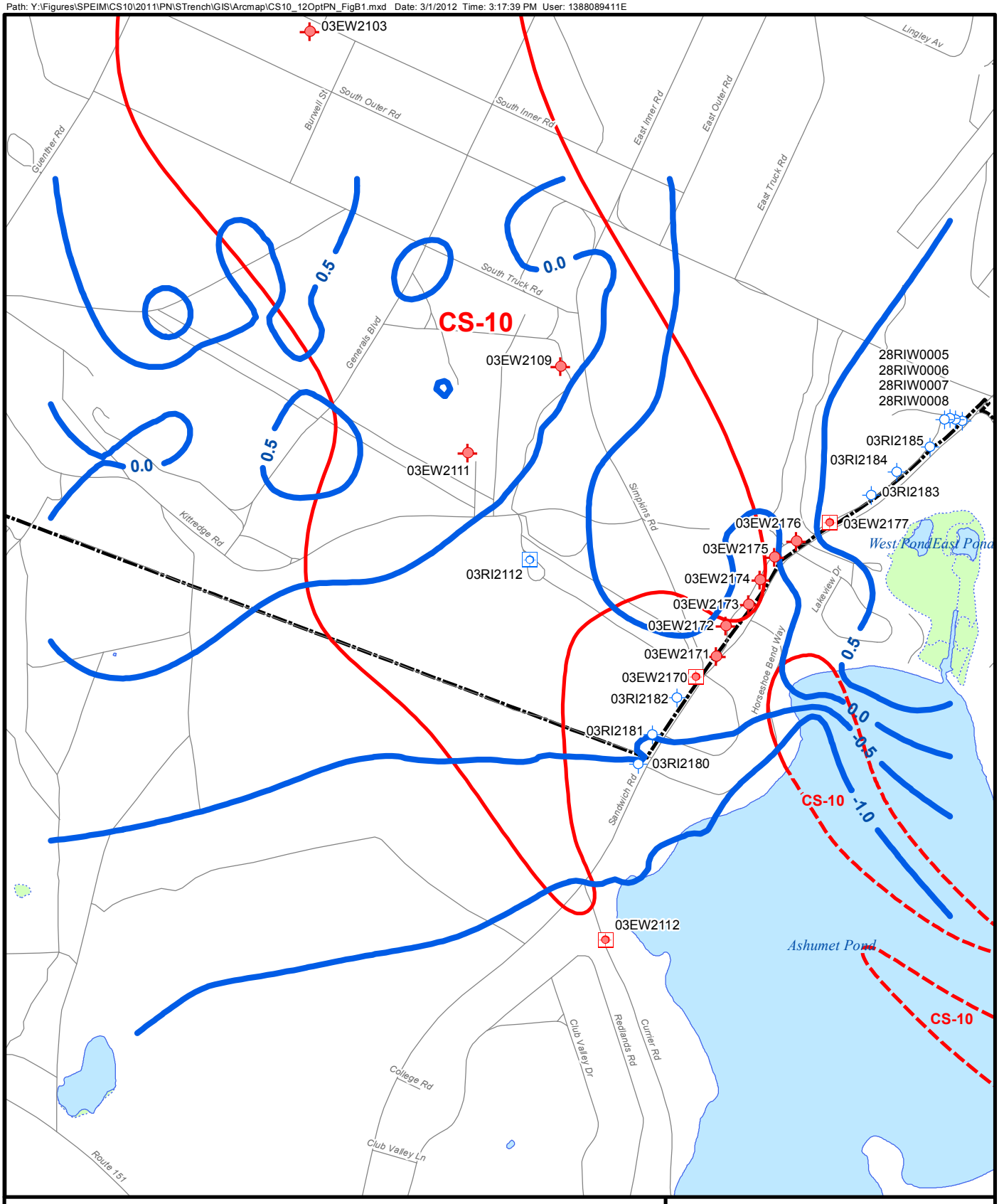
operating conditions, transport modeling predicts that under the current operating scenario concentrations in this area decrease below the maximum contaminant level of 5 micrograms per liter before reaching 03EW2112 (see Section 4.2 and Attachment D).

B1.1 References

Air Force Center for Engineering and the Environment (AFCEE). 2008 (January). *Final Chemical Spill-10 2007 Southern Trench Technical Memorandum*. 337105-SPEIM-CS10-TECHMEM-003. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

_____. 2004 (September). Final Fuel Spill-12 2003 Annual System Performance and Ecological Impact Monitoring Report. 187615-SPEIM-FS12-ANRPT-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

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Data Source: AFCEE, MMR-AFCEE Data Warehouse

Legend

- Contour of Residual Deviation From Mean
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- Bog/Wetland
- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)

N

0 530 1,060 Feet

FIGURE B-1

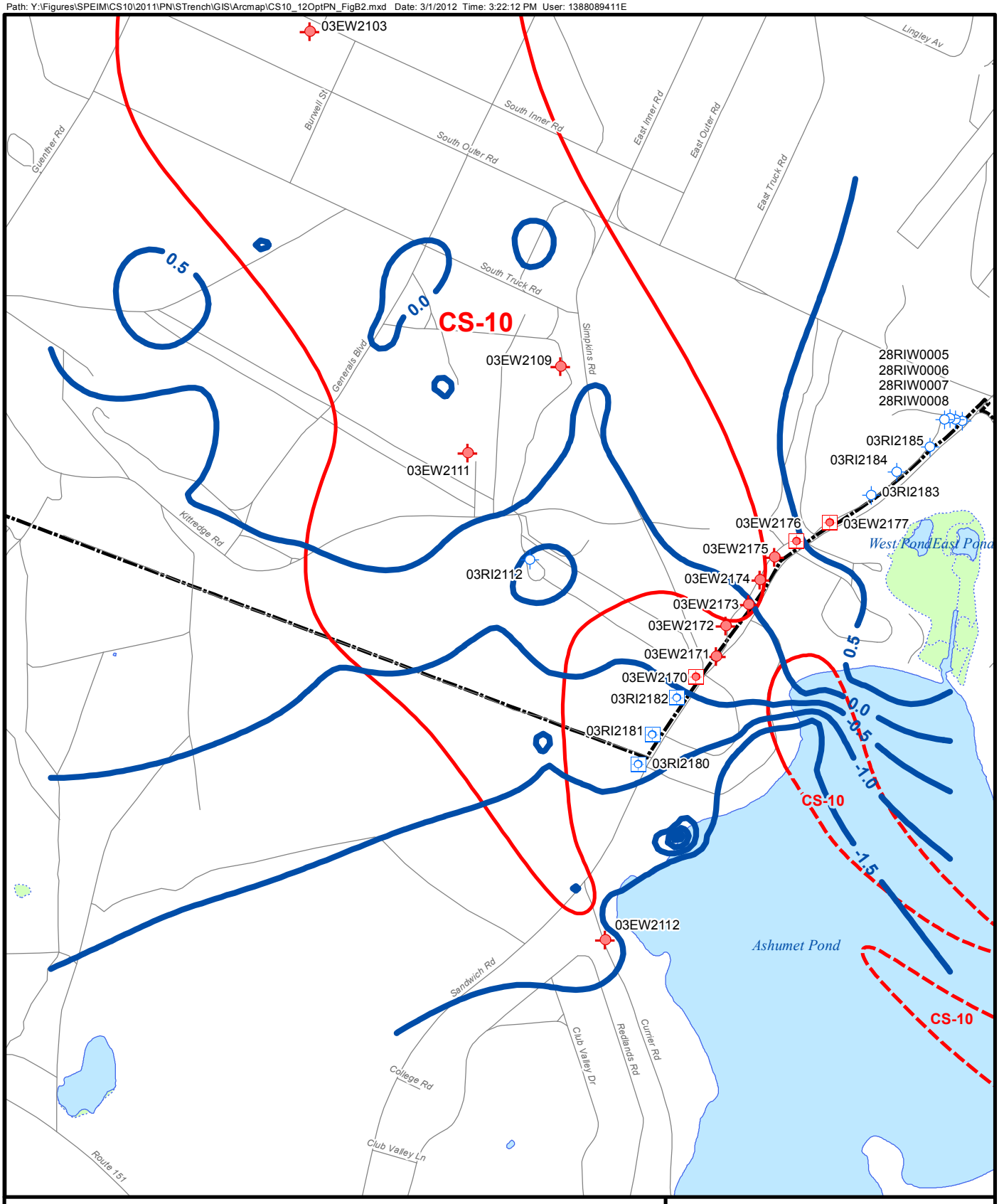
SPATIAL DISTRIBUTION OF RESIDUAL DEVIATIONS FROM THE MEAN FOR FEBRUARY 2009 HYDRAULIC ANALYSIS

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Data Source: AFCEE, MMR-AFCEE Data Warehouse

Legend

- Contour of Residual Deviation From Mean
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- Bog/Wetland
- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)

N

0 530 1,060 Feet

FIGURE B-2

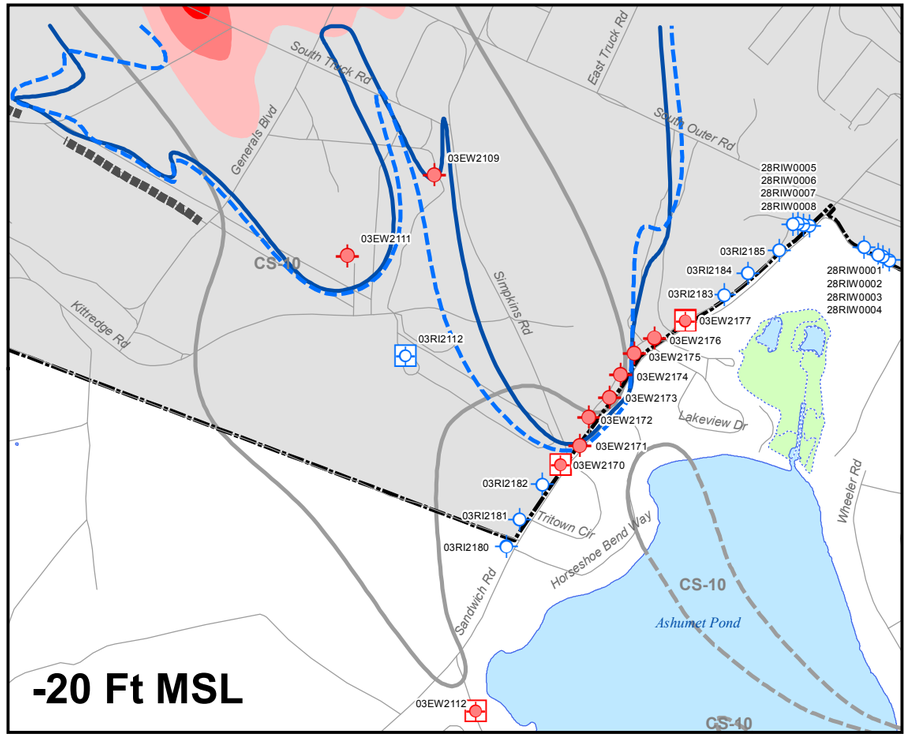
SPATIAL DISTRIBUTION OF RESIDUAL DEVIATIONS FROM THE MEAN FOR APRIL 2009 HYDRAULIC ANALYSIS

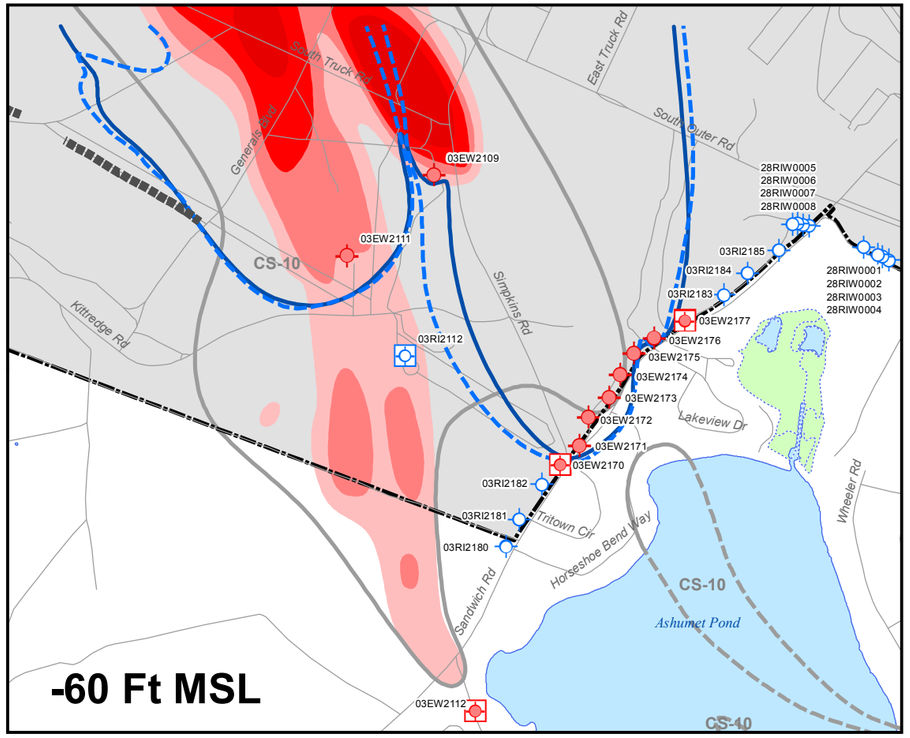
AFCEE - Massachusetts Military Reservation

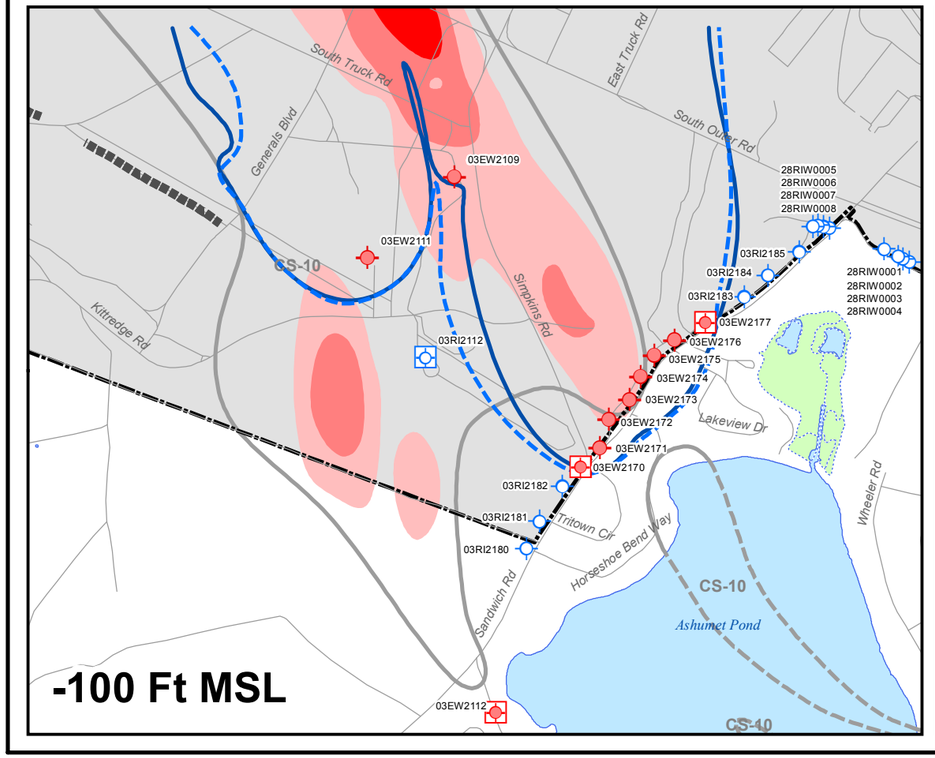
CS-10 2011 Southern Trench Area Optimization Project Note

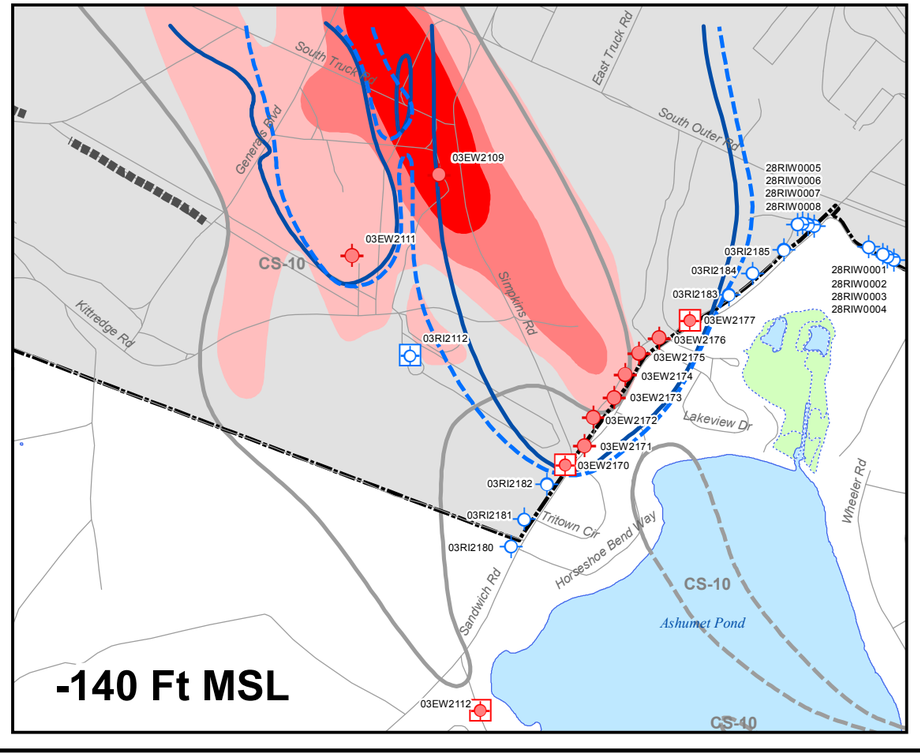
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Legend

- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)
- Bog/Wetland
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- Infiltration Trench/Gallery
- Treatment System Pipeline
- Capture Zone Boundary
- Amended Capture Zone Boundary

TCE Concentration (2007 TCE Plumeshell)

- 5 µg/L ≤ 25 µg/L
- 25 µg/L ≤ 50 µg/L
- 50 µg/L ≤ 100 µg/L
- < 100 µg/L

N

0 650 1,300 Feet

Data Source: AFCEE, MMR-AFCEE Data Warehouse

FIGURE B-3

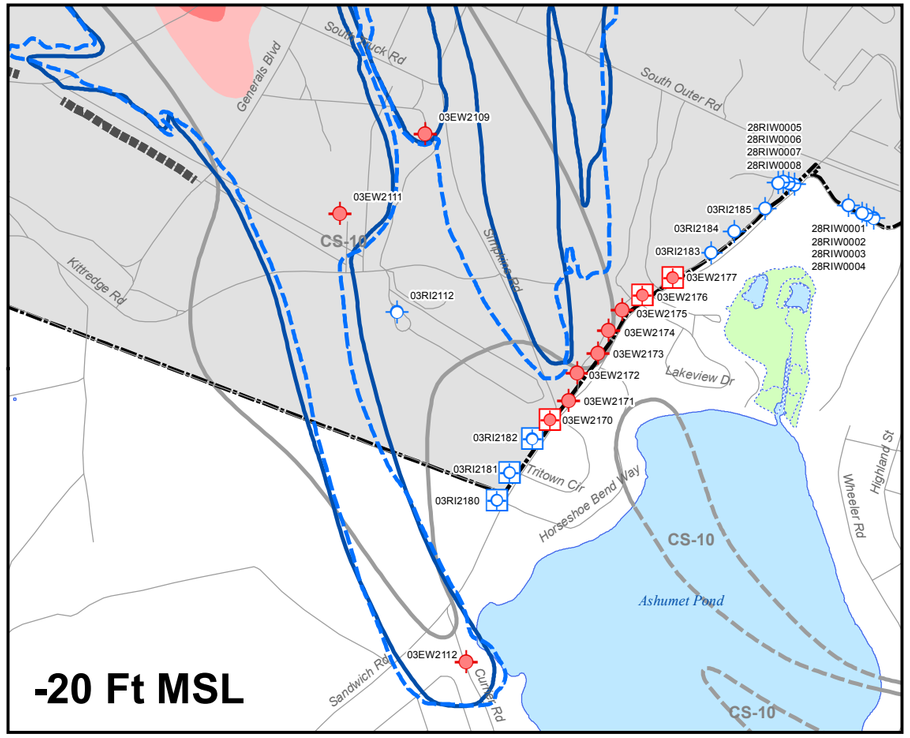
EXTENT OF MODEL PREDICTED CAPTURE ZONES FOR FEBRUARY 2009 HYDRAULIC ANALYSIS

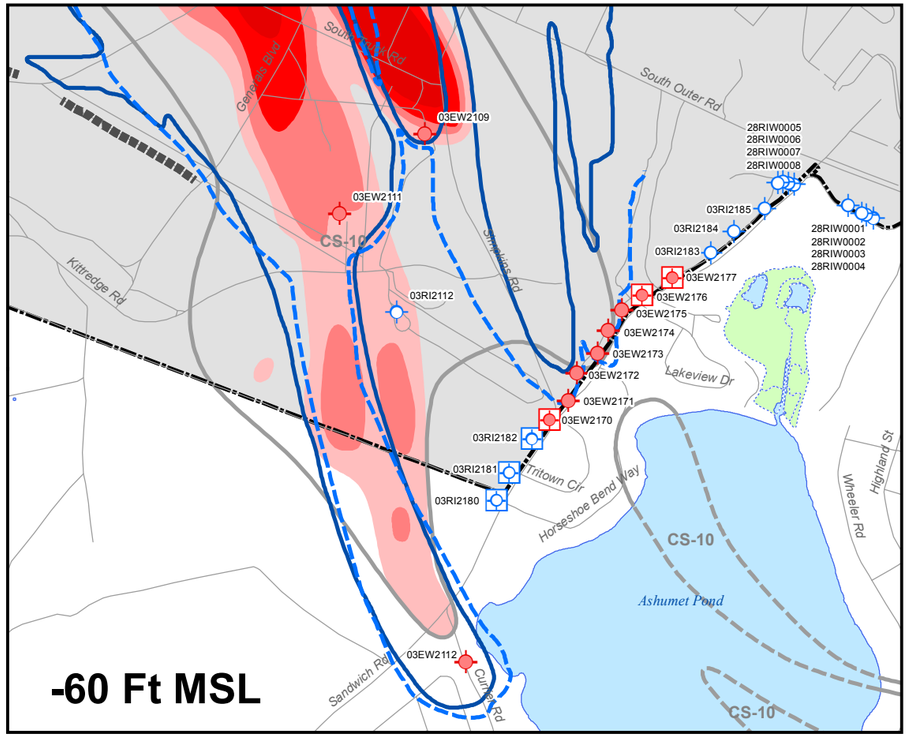
AFCEE - Massachusetts Military Reservation

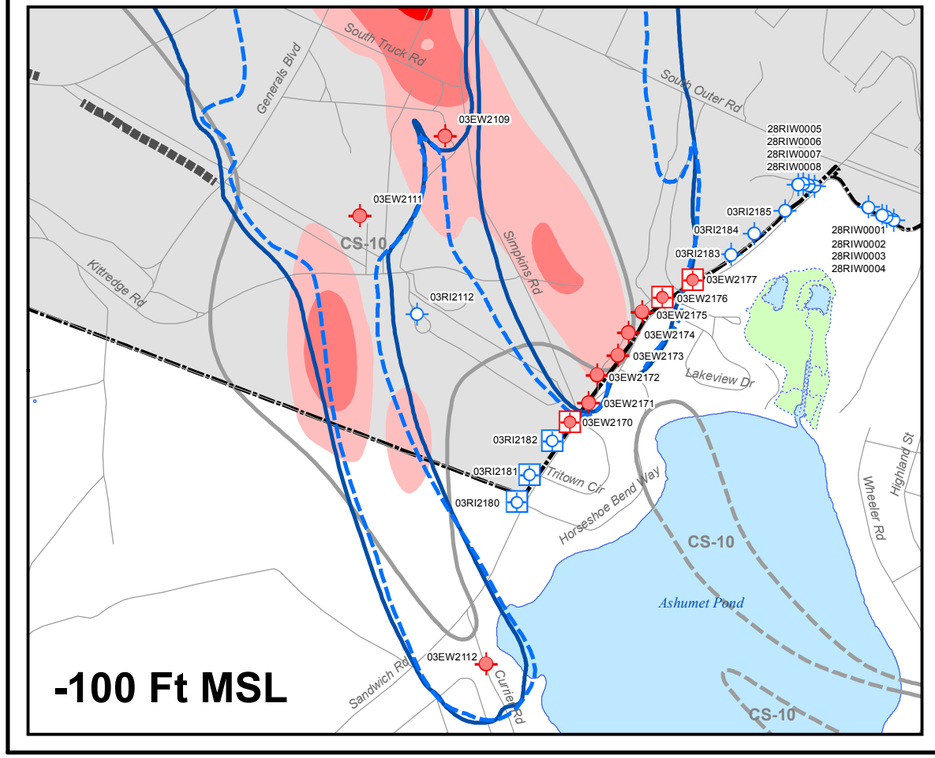
CS-10 2011 Southern Trench Area Optimization Project Note

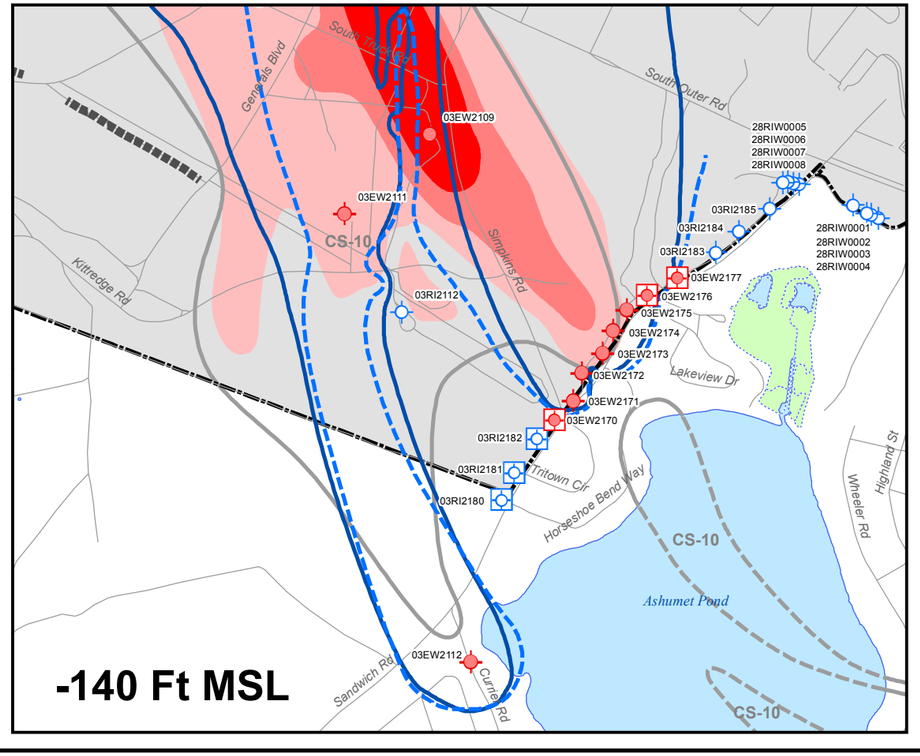
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Legend

- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)
- Bog/Wetland
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- Infiltration Trench/Gallery
- Treatment System Pipeline
- Capture Zone Boundary
- Amended Capture Zone Boundary

TCE Concentration (2007 TCE Plumeshell)

- 5 µg/L ≤ 25 µg/L
- 25 µg/L ≤ 50 µg/L
- 50 µg/L ≤ 100 µg/L
- < 100 µg/L

N

0 600 1,200 Feet

Data Source: AFCEE, MMR-AFCEE Data Warehouse

FIGURE B-4

EXTENT OF MODEL PREDICTED CAPTURE ZONES FOR APRIL 2009 HYDRAULIC ANALYSIS

AFCEE - Massachusetts Military Reservation

CS-10 2011 Southern Trench Area Optimization Project Note

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Table B-1
CS-10 Groundwater Elevations and Model Residuals
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Mid-Screen Elevation (ft msl)	Measured GW* Elevation 2/11/09 (ft msl)	Measured GW* Elevation 4/16/09 (ft msl)	Simulated Head 2/11/09 (ft msl)	Simulated Head Residual 2/11/09 (ft)	Amended Head 2/11/09 (ft msl)	Amended Head Residual 2/11/09 (ft)	Simulated Head 4/16/09 (ft msl)	Simulated Head Residual 4/16/09 (ft)	Amended Head 4/16/09 (ft msl)	Amended Head Residual 4/16/09 (ft)
00MW0514C	2.50	48.68	49.06	49.34	0.66	48.91	0.23	49.89	0.83	49.36	0.30
03DP0019A	-140.06	47.70	48.94	48.32	0.62	47.84	0.14	48.91	-0.03	48.98	0.04
03DP0019B	-70.01	48.11	49.19	48.45	0.34	48.22	0.11	49.00	-0.19	49.20	0.01
03DP0037A	-122.98	50.20	NM	49.95	-0.25	50.18	-0.02	NA	NA	NA	NA
03DP0037B	-83.81	50.24	NM	49.94	-0.30	50.20	-0.04	NA	NA	NA	NA
03DP0038A	-77.67	48.69	49.07	48.18	-0.52	48.65	-0.04	48.31	-0.76	49.04	-0.03
03MW0041	-5.50	56.10	56.00	56.41	0.31	56.05	-0.05	56.15	0.15	56.00	0.00
03MW0041A	-112.00	55.40	55.37	55.25	-0.15	55.40	0.00	55.15	-0.22	55.37	0.00
03MW0041B	-61.00	55.53	55.96	56.42	0.89	55.70	0.17	56.18	0.22	55.98	0.02
03MW0052	-37.88	53.51	53.79	53.44	-0.07	53.48	-0.03	53.80	0.01	53.78	-0.01
03MW0052A	-148.76	53.39	53.66	53.46	0.07	53.40	0.01	53.82	0.16	53.67	0.01
03MW0052B	-88.41	53.55	53.83	53.45	-0.10	53.52	-0.03	53.81	-0.02	53.82	-0.02
03MW0053	-50.00	51.96	52.34	51.88	-0.08	51.92	-0.04	52.32	-0.02	52.33	-0.01
03MW0054A	-73.58	47.31	47.94	47.11	-0.21	47.30	-0.02	47.74	-0.20	47.96	0.02
03MW0054B	-17.37	50.40	47.97	NU	NU	NU	NU	47.94	-0.03	48.06	0.09
03MW0057B	-59.60	49.37	49.93	49.40	0.03	49.37	0.00	50.02	0.09	49.97	0.04
03MW0062	-114.70	50.53	51.26	50.52	-0.01	50.53	0.00	51.32	0.06	51.31	0.05
03MW0064	-172.23	47.90	48.25	NU	NU	NU	NU	45.48	-2.77	47.88	-0.37
03MW0086	-9.40	56.47	55.98	57.79	1.32	56.78	0.31	56.90	0.92	56.23	0.25
03MW0088	3.01	54.94	54.65	54.90	-0.04	54.88	-0.06	54.43	-0.22	54.59	-0.06
03MW0089	-5.90	56.25	55.65	56.40	0.15	56.26	0.01	55.76	0.11	55.69	0.04
03MW0102A	-168.44	48.35	48.83	48.07	-0.28	48.35	0.00	48.36	-0.47	48.83	0.00
03MW0102B	-63.44	48.39	48.88	48.08	-0.31	48.38	-0.02	48.37	-0.51	48.87	-0.01
03MW0103B	-122.56	47.50	47.53	46.94	-0.56	47.49	-0.01	46.66	-0.87	47.52	-0.01
03MW0103C	-67.86	47.42	47.53	46.89	-0.54	47.42	0.00	46.66	-0.87	47.52	-0.02
03MW0113A	-158.35	51.30	51.82	51.28	-0.02	51.30	0.00	51.86	0.04	51.83	0.01
03MW0114A	-116.19	51.08	51.50	51.24	0.16	51.12	0.04	51.77	0.27	51.56	0.06
03MW0114B	-72.19	51.28	51.65	51.25	-0.03	51.26	-0.03	51.78	0.13	51.67	0.02
03MW0117A	-142.83	54.40	54.55	53.78	-0.63	54.31	-0.09	53.98	-0.57	54.48	-0.08
03MW0117B	-42.33	54.56	54.68	54.79	0.23	54.56	0.00	54.89	0.21	54.68	0.00

Table B-1
CS-10 Groundwater Elevations and Model Residuals
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Mid-Screen Elevation (ft msl)	Measured GW* Elevation 2/11/09 (ft msl)	Measured GW* Elevation 4/16/09 (ft msl)	Simulated Head 2/11/09 (ft msl)	Simulated Head Residual 2/11/09 (ft)	Amended Head 2/11/09 (ft msl)	Amended Head Residual 2/11/09 (ft)	Simulated Head 4/16/09 (ft msl)	Simulated Head Residual 4/16/09 (ft)	Amended Head 4/16/09 (ft msl)	Amended Head Residual 4/16/09 (ft)
03MW0118A	-122.64	54.18	54.39	54.43	0.25	54.23	0.05	54.78	0.39	54.47	0.08
03MW0118B	-38.64	55.19	55.34	54.91	-0.28	55.12	-0.07	55.24	-0.10	55.32	-0.02
03MW0202G	-170.29	49.09	49.78	49.31	0.22	49.11	0.02	50.01	0.23	49.81	0.03
03MW0214G	-169.33	46.24	47.38	NU	NU	NU	NU	47.34	-0.04	47.40	0.02
03MW0223F	-138.12	49.43	50.10	49.73	0.30	49.49	0.06	50.37	0.27	50.16	0.06
03MW0604E	47.85	51.70	51.90	51.89	0.19	51.76	0.06	51.76	-0.14	51.91	0.01
03MW1012A	-144.83	51.56	52.02	51.94	0.38	51.62	0.06	52.35	0.33	52.08	0.06
03MW1012B	-54.83	51.94	52.34	52.17	0.23	51.96	0.02	52.54	0.20	52.37	0.03
03MW1013B	-73.31	49.37	49.87	48.95	-0.42	49.32	-0.05	49.25	-0.63	49.84	-0.03
03MW1016A	-117.47	49.80	50.45	49.51	-0.29	49.78	-0.02	49.98	-0.48	50.44	-0.02
03MW1016B	-44.59	49.81	50.45	49.51	-0.30	49.77	-0.04	49.96	-0.49	50.42	-0.03
03MW1017A	-135.06	50.21	50.43	49.93	-0.28	50.20	-0.01	49.99	-0.44	50.42	-0.01
03MW1017B	-65.00	50.27	50.48	49.93	-0.34	50.23	-0.05	49.99	-0.49	50.45	-0.03
03MW1022A	-184.83	49.39	49.66	49.26	-0.13	49.41	0.02	49.39	-0.27	49.69	0.03
03MW1022B	-75.36	49.76	50.08	49.32	-0.44	49.71	-0.05	49.44	-0.64	50.04	-0.04
03MW1024A	-137.37	53.82	54.12	53.73	-0.09	53.81	-0.01	54.05	-0.07	54.11	-0.01
03MW1027A	-86.89	51.56	52.04	51.60	0.04	51.56	0.00	52.08	0.04	52.05	0.01
03MW1029B	-141.91	46.43	46.39	45.39	-1.04	46.41	-0.02	45.06	-1.33	46.37	-0.02
03MW1030A	-156.53	50.25	50.66	51.10	0.85	50.41	0.16	51.40	0.74	50.82	0.16
03MW1030B	-86.49	50.97	51.35	51.07	0.10	50.98	0.01	51.37	0.02	51.37	0.02
03MW1031A	-80.06	47.26	47.43	46.45	-0.81	47.24	-0.02	46.29	-1.14	47.40	-0.03
03MW1046A	-151.09	45.94	43.84	44.66	-1.28	45.89	-0.06	43.76	-0.08	44.20	0.36
03MW1046B	-76.68	45.99	45.20	44.66	-1.33	45.92	-0.07	43.94	-1.26	45.32	0.12
03MW1046C	-54.71	45.98	45.95	44.66	-1.32	45.91	-0.07	44.05	-1.90	45.67	-0.28
03MW2120A	-49.54	56.06	55.68	56.37	0.31	56.06	0.00	55.76	0.08	55.67	-0.01
03MW2141A	-9.45	52.83	52.83	53.16	0.33	52.86	0.03	53.02	0.19	52.87	0.04
03MW2145A	-45.85	53.86	54.11	54.12	0.26	53.89	0.03	54.37	0.26	54.15	0.04
03MW2160A	-20.13	55.39	55.53	55.80	0.41	55.43	0.04	55.85	0.32	55.58	0.05
03MW2402A	-75.14	49.20	49.70	49.06	-0.14	49.17	-0.03	49.90	0.20	49.72	0.02
03MW2405A	-94.55	51.00	51.39	51.45	0.45	51.12	0.12	51.97	0.58	51.54	0.15

Table B-1
CS-10 Groundwater Elevations and Model Residuals
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Mid-Screen Elevation (ft msl)	Measured GW* Elevation 2/11/09 (ft msl)	Measured GW* Elevation 4/16/09 (ft msl)	Simulated Head 2/11/09 (ft msl)	Simulated Head Residual 2/11/09 (ft)	Amended Head 2/11/09 (ft msl)	Amended Head Residual 2/11/09 (ft)	Simulated Head 4/16/09 (ft msl)	Simulated Head Residual 4/16/09 (ft)	Amended Head 4/16/09 (ft msl)	Amended Head Residual 4/16/09 (ft)
03MW2408A	-114.86	53.85	54.01	53.38	-0.47	53.83	-0.02	53.52	-0.49	53.99	-0.02
03MW2408B	-74.86	53.89	54.04	54.43	0.54	53.95	0.06	54.43	0.39	54.09	0.05
03MW2409A	-81.37	51.99	52.12	52.93	0.94	52.08	0.09	52.81	0.69	52.20	0.08
03MW2412A	-137.70	47.21	47.76	47.24	0.03	47.21	0.00	47.90	0.14	47.76	0.00
03MW2414A	-120.96	49.91	51.32	49.71	-0.20	49.89	-0.02	50.48	-0.84	51.20	-0.12
03MW2414B	-79.96	49.89	51.09	49.71	-0.18	49.88	-0.01	50.42	-0.67	51.01	-0.08
03MW2610A	-84.09	52.91	53.19	53.18	0.27	52.95	0.04	53.48	0.29	53.24	0.05
03MW2611A	-75.47	56.16	55.59	56.05	-0.11	56.11	-0.05	55.48	-0.11	55.58	-0.01
03MW2612A	-72.51	54.77	54.50	54.56	-0.21	54.72	-0.05	54.16	-0.34	54.45	-0.05
03MW2629A	-18.38	54.69	54.64	55.24	0.55	54.76	0.07	55.03	0.39	54.72	0.08
03MW2630A	-149.43	49.14	49.55	48.69	-0.45	49.12	-0.03	48.87	-0.68	49.54	-0.01
03MW2630B	-60.35	48.26	49.65	48.73	0.47	48.53	0.27	48.91	-0.74	49.60	-0.05
30MW0314	-27.56	49.03	49.55	48.74	-0.29	48.96	-0.07	48.92	-0.63	49.55	0.00
30MW0316A	-65.31	48.39	48.78	47.98	-0.41	48.39	0.00	48.10	-0.68	48.78	0.00
30MW0316B	-49.96	48.39	48.78	47.97	-0.42	48.38	-0.01	48.09	-0.69	48.77	-0.01
30MW0316C	-15.80	48.34	48.73	47.97	-0.38	48.35	0.01	48.08	-0.65	48.74	0.01
30MW0416Y	-40.79	52.35	52.67	52.68	0.33	52.39	0.04	52.94	0.27	52.71	0.04
30MW0416Z	-119.68	52.33	52.67	52.18	-0.15	52.33	0.00	52.52	-0.15	52.67	0.00
30MW0428B	31.58	49.33	49.93	49.13	-0.20	49.34	0.01	49.53	-0.40	49.95	0.02
30MW0431	43.75[a]	50.54	51.19	50.44	-0.11	50.52	-0.02	51.14	-0.05	51.22	0.03
30MW0588	8.05	46.86	47.02	45.97	-0.89	46.82	-0.04	45.79	-1.23	46.96	-0.06
33MW0003	50.63	52.82	52.78	53.04	0.22	52.88	0.06	52.80	0.02	52.83	0.05
34MW0001	46.04	49.72	50.28	49.60	-0.12	49.75	0.03	49.99	-0.29	50.33	0.05
34MW0004	46.10	49.01	49.61	48.87	-0.14	49.03	0.02	49.31	-0.30	49.65	0.04
34MW0005	46.03	48.77	49.22	48.45	-0.32	48.77	0.00	48.64	-0.59	49.23	0.01
34MW0007	45.52	49.51	49.94	49.32	-0.19	49.53	0.02	49.52	-0.42	49.97	0.03
34MW0012	45.54	48.16	48.66	47.88	-0.28	48.15	-0.02	48.19	-0.47	48.66	0.00
95MW0107A	-100.44	48.43	48.87	48.16	-0.27	48.44	0.01	48.39	-0.48	48.89	0.02
95MW0108B	-33.36	46.89	47.10	46.10	-0.79	46.86	-0.03	45.89	-1.21	47.04	-0.06
95MW0109A	-65.54	46.57	46.73	45.48	-1.09	46.53	-0.04	45.17	-1.56	46.65	-0.08

Table B-1
CS-10 Groundwater Elevations and Model Residuals
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Mid-Screen Elevation (ft msl)	Measured GW* Elevation 2/11/09 (ft msl)	Measured GW* Elevation 4/16/09 (ft msl)	Simulated Head 2/11/09 (ft msl)	Simulated Head Residual 2/11/09 (ft)	Amended Head 2/11/09 (ft msl)	Amended Head Residual 2/11/09 (ft)	Simulated Head 4/16/09 (ft msl)	Simulated Head Residual 4/16/09 (ft)	Amended Head 4/16/09 (ft msl)	Amended Head Residual 4/16/09 (ft)
Ashumet Pond 1*	41.50	45.57	45.87	44.03	-1.54	45.30	-0.27	43.78	-2.09	45.47	-0.40
Ashumet Pond 2*	41.50	45.57	45.87	44.48	-1.09	45.56	-0.01	44.23	-1.64	45.82	-0.05
Ashumet Pond 3*	41.50	45.57	45.87	43.74	-1.83	44.80	-0.77	43.61	-2.26	45.00	-0.87
Ashumet Pond 4*	41.50	45.57	45.87	44.59	-0.98	45.57	0.00	44.45	-1.42	45.81	-0.06
Ashumet Pond 5*	41.50	45.57	45.87	44.20	-1.37	45.37	-0.20	44.10	-1.78	45.63	-0.24
Ashumet Pond 6*	41.50	45.57	45.87	44.35	-1.22	45.44	-0.13	44.30	-1.58	45.72	-0.15
Ashumet Pond 7*	41.50	45.57	45.87	44.29	-1.28	45.38	-0.19	44.24	-1.63	45.65	-0.22
Ashumet Pond 8*	41.50	45.57	45.87	45.81	0.24	45.73	0.16	45.98	0.11	46.05	0.18
Ashumet Pond 9*	41.50	45.57	45.87	46.17	0.60	45.77	0.20	46.39	0.52	46.09	0.22
Ashumet Pond 10*	41.50	45.57	45.87	46.54	0.97	45.86	0.29	46.80	0.93	46.19	0.32
Ashumet Pond 11*	41.50	45.57	45.87	46.10	0.53	45.58	0.01	46.27	0.40	45.88	0.01
Ashumet Pond 12*	41.50	45.57	45.87	43.95	-1.63	45.32	-0.25	43.70	-2.17	45.52	-0.35
Ashumet Pond 13*	41.50	45.57	45.87	43.78	-1.79	45.34	-0.23	43.61	-2.27	45.59	-0.28
ECMWAMP05A	-46.97	46.51	46.86	46.63	0.12	46.59	0.08	46.94	0.08	46.97	0.11
USFW234099	-1.13	50.42	50.45	50.57	0.15	50.52	0.10	50.42	-0.03	50.55	0.10
USFW235094	7.41	49.75	49.92	49.59	-0.16	49.78	0.03	49.55	-0.37	49.95	0.03
USFW236070	29.15	48.49	48.75	48.05	-0.44	48.50	0.01	48.05	-0.70	48.76	0.01
USFW236141	-42.31	48.51	48.73	47.97	-0.55	48.48	-0.03	47.95	-0.78	48.71	-0.02
USFW237088	3.96	45.67	45.79	44.53	-1.14	45.54	-0.13	44.34	-1.45	45.64	-0.15
USFW238106	-9.73	46.26	46.34	45.31	-0.95	46.12	-0.14	45.18	-1.16	46.22	-0.12
USFW239010	43.09	45.91	46.06	44.74	-1.17	45.88	-0.03	44.32	-1.74	45.96	-0.10
USFW239064	-11.22	45.90	46.05	44.74	-1.16	45.88	-0.02	44.31	-1.74	45.94	-0.11
USFW239121	-68.56	45.92	45.93	44.73	-1.19	45.90	-0.02	44.24	-1.69	45.83	-0.10
USFW244090	-19.20	45.57	45.71	44.35	-1.22	45.48	-0.09	44.02	-1.69	45.55	-0.16
USFW300010	38.30	45.93	46.16	44.99	-0.94	45.93	0.00	44.75	-1.41	46.12	-0.04
USFW343036	33.51	47.94	48.25	47.40	-0.54	47.67	-0.27	47.39	-0.86	47.95	-0.31
USFW343057	13.14	47.93	48.23	47.28	-0.66	47.84	-0.09	47.24	-0.99	48.12	-0.11
USFW343079	-9.38	47.93	48.22	47.29	-0.64	47.90	-0.03	47.26	-0.96	48.19	-0.04
USFW343099	-29.09	47.93	48.22	47.29	-0.64	47.91	-0.02	47.26	-0.96	48.20	-0.02
USFW343114	-43.93	47.96	48.25	47.29	-0.67	47.93	-0.03	47.26	-1.00	48.22	-0.03

Table B-1
CS-10 Groundwater Elevations and Model Residuals
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Mid-Screen Elevation (ft msl)	Measured GW* Elevation 2/11/09 (ft msl)	Measured GW* Elevation 4/16/09 (ft msl)	Simulated Head 2/11/09 (ft msl)	Simulated Head Residual 2/11/09 (ft)	Amended Head 2/11/09 (ft msl)	Amended Head Residual 2/11/09 (ft)	Simulated Head 4/16/09 (ft msl)	Simulated Head Residual 4/16/09 (ft)	Amended Head 4/16/09 (ft msl)	Amended Head Residual 4/16/09 (ft)
USFW343129	-58.50	47.96	48.26	47.29	-0.67	47.94	-0.02	47.25	-1.01	48.23	-0.03
USFW343145	-74.81	47.99	48.27	47.29	-0.71	47.96	-0.04	47.25	-1.02	48.24	-0.03
USFW382032	30.30	47.06	47.28	47.40	0.34	47.68	0.62	47.39	0.11	47.96	0.68
USFW388037	33.18	46.69	46.91	46.03	-0.66	46.72	0.03	45.82	-1.09	46.91	0.00
USFW414036	32.87	47.07	47.29	46.47	-0.60	47.09	0.02	46.29	-1.00	47.28	-0.01
USFW420036	25.17	46.19	46.14	45.14	-1.06	46.18	-0.01	44.77	-1.38	46.14	0.00
USFW421031	26.56	46.47	46.60	45.54	-0.93	46.47	0.00	45.25	-1.35	46.58	-0.02
USFW423028	38.15	46.56	46.77	45.76	-0.80	46.58	0.02	45.51	-1.26	46.76	-0.01
USFW424020	41.33	46.18	46.34	45.19	-0.99	46.17	-0.01	44.90	-1.45	46.30	-0.04
USFW424089	-30.85	46.14	46.25	45.13	-1.01	46.14	-0.01	44.82	-1.43	46.23	-0.02
USFW424144	-85.50	46.17	46.29	45.14	-1.03	46.16	-0.01	44.83	-1.46	46.24	-0.05
USFW424183	-124.21	46.23	46.07	45.16	-1.07	46.21	-0.02	44.84	-1.23	46.09	0.02
USFW432026	44.56	47.18	47.35	46.71	-0.47	47.20	0.02	46.53	-0.82	47.36	0.01
USFW432059	10.24	47.19	47.36	46.70	-0.49	47.21	0.02	46.51	-0.85	47.36	0.00
USFW432079	-9.99	47.22	47.36	46.73	-0.49	47.24	0.02	46.53	-0.83	47.37	0.01
USFW432092	-22.48	47.26	47.38	46.76	-0.50	47.27	0.01	46.54	-0.84	47.38	0.00
USFW564016	43.70	46.06	46.31	45.30	-0.76	46.09	0.03	45.12	-1.19	46.26	-0.05
USFW564100	-43.98	46.20	46.42	45.34	-0.86	46.18	-0.02	45.16	-1.26	46.27	-0.15
USFW564138	-82.29	NM	44.34	NA	NA	NA	NA	44.99	0.65	44.87	0.53
USFW565022	43.83	46.32	46.53	45.45	-0.87	46.32	0.00	45.21	-1.32	46.49	-0.05
USMA204009	40.57[a]	46.31	46.65	45.93	-0.38	46.34	0.03	46.11	-0.54	46.70	0.05
USMA205032	43.85	46.52	46.88	46.03	-0.49	46.54	0.02	46.11	-0.77	46.90	0.02
USSD006060	43.27	51.26	51.47	51.40	0.14	51.29	0.03	51.41	-0.06	51.50	0.03
USSD309055	49.39	51.16	51.53	51.32	0.16	51.19	0.03	51.60	0.07	51.58	0.05
USSD312054	50.43	52.66	52.78	53.28	0.62	52.80	0.14	53.22	0.44	52.91	0.13
USSD313020	36.32	47.41	47.73	47.08	-0.33	47.44	0.03	47.12	-0.61	47.75	0.02
USSD315061	47.80	53.36	53.63	53.73	0.37	53.39	0.03	53.91	0.28	53.66	0.03
USSD318036	33.58	49.18	49.62	48.86	-0.32	49.16	-0.03	49.04	-0.58	49.62	0.00
USSD344038	42.37	47.78	48.09	47.37	-0.41	47.80	0.02	47.36	-0.73	48.10	0.01
USSD518053	40.76	48.65	49.11	48.41	-0.24	48.65	0.00	48.65	-0.46	49.12	0.01

Table B-1
CS-10 Groundwater Elevations and Model Residuals
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Mid-Screen Elevation (ft msl)	Measured GW* Elevation 2/11/09 (ft msl)	Measured GW* Elevation 4/16/09 (ft msl)	Simulated Head 2/11/09 (ft msl)	Simulated Head Residual 2/11/09 (ft)	Amended Head 2/11/09 (ft msl)	Amended Head Residual 2/11/09 (ft)	Simulated Head 4/16/09 (ft msl)	Simulated Head Residual 4/16/09 (ft)	Amended Head 4/16/09 (ft msl)	Amended Head Residual 4/16/09 (ft)
USSD518064	29.89	48.62	49.09	48.41	-0.21	48.65	0.03	48.65	-0.44	49.13	0.04
USSD518074	20.40	48.65	49.13	48.41	-0.24	48.66	0.01	48.65	-0.48	49.13	0.00
USSD518084	10.12	48.66	49.14	48.41	-0.25	48.66	0.00	48.65	-0.49	49.14	0.00
USSD518094	0.36	48.66	49.16	48.41	-0.26	48.66	0.00	48.65	-0.51	49.15	-0.02
USSD518109	-14.22	48.65	49.12	48.40	-0.25	48.66	0.01	48.65	-0.48	49.14	0.02
USSD518124	-29.74	48.67	49.15	48.40	-0.27	48.67	0.00	48.64	-0.51	49.15	0.00
USSD518139	-44.47	48.67	49.13	48.40	-0.27	48.68	0.01	48.64	-0.49	49.15	0.02
				Average=	-0.302		-0.001		-0.519		-0.004
				Std Dev=	0.586		0.115		0.724		0.143

Notes:

* Ashumet Pond surface water elevation based on USGS data at: http://nwis.waterdata.usgs.gov/nwis/dv?site_no=413758070320501. For the purpose of this hydraulic evaluation, the pond elevation recorded at the USGS station was used at 13 control points (Ashumet Pond 1 through 13) located around the northeastern portion of the pond.

[a] = bottom screen elevation used instead of mid-screen elevation.

Key:

CS-10 means Chemical Spill-10
ft = feet
GW = groundwater
msl = mean sea level
NA = not available
NM = not measured
NU = not used because of anomalous measured water level
Std Dev = standard deviation

Table B-2
CS-10 Southern Trench Area RAM Analysis Pumping Rates
CS-10 2011 Southern Trench Area Optimization Project Note

Location	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	11 February 2009 Pumping Rates (gpm)	16 April 2009 Pumping Rates (gpm)
Sandwich Road System Extraction Wells				
03EW2170	-14.26	-164.26	0	0
03EW2171	-101.28	-157.28	-146	-75
03EW2172	-78.86	-162.86	-140	-75
03EW2173	-79.14	-165.44	-149	-101
03EW2174	-79.43	-163.43	-135	-100
03EW2175	-102.53	-163.63	-98	-58
03EW2176	-125.31	-167.11	-74	0
03EW2177	-125.05	-159.05	0	0
03EW2112	-90.00	-150.00	0	-290
00EW0001	-25.70	-65.70	-175	-175
Sandwich Road System Injection Wells				
03RI2180	-50.52	-150.52	132	0
03RI2181	-58.45	-158.45	52	0
03RI2182	-3.34	-73.34	43	0
03RI2183	11.00	-105.00	79	76
03RI2184	-0.69	-159.69	176	103
03RI2185	-6.07	-156.07	177	72
28RIW0001	46.93	6.93	28	75
28RIW0002	48.52	8.52	28	75
28RIW0003	47.29	7.29	28	74
28RIW0004	44.65	4.65	28	75
28RIW0005	45.14	5.14	28	75
28RIW0006	45.08	3.08	28	75
28RIW0007	45.52	5.52	28	74
28RIW0008	44.29	3.69	28	74
In-Plume System Extraction Wells				
03EW2102	-70.47	-131.31	-460	-464
03EW2103	-30.13	-70.13	-498	-300
03EW2104	10.42	-99.69	-229	-233
03EW2105	1.94	-39.79	-455	-451
03EW2106	17.66	-57.34	-80	-84
03EW2107	5.60	-49.70	-99	-38
03EW2109	-23.73	-113.73	-91	-130
03EW2110	10.45	-69.55	-350	-253
03EW2111	-53.41	-98.41	-500	-425
In-Plume System Injection Wells/Trenches				
CS10 Eastern Injection Trench	NA	NA	1878	1371
CS10 Western Injection Trench	NA	NA	884	645
03RI2112	-100.00	-190.00	0	361

Note:

Negative flow rates represent extraction; positive represent reinjection/infiltration.

Key:

ft msl = feet mean sea level

gpm = gallons per minute

NA = not applicable

ATTACHMENT C

Boring Logs and Well Construction Diagrams

Soil Boring Logs	Water Boring Logs	Well Construction Diagrams
03MW1058A	03MW1058A	03MW1058ABC
03MW1059A	03MW1059A	03MW1059A
		03MW1059BC

CH2MHILL

LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM	Location: Currier Rd/Sandwich Rd intersection		
Project Number: 389849	Northing A: 232567.65 B: 232567.90 C: 232567.76 Easting A: 861931.11 B: 861931.08 C: 861930.88 GS Elev: 60.05		
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL) A: 59.48 B: 59.61 C: 59.55		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/28/2009		Date Finished: 11/12/2009
Drilling Method: Sonication	Total Depth Drilled (ft BGS): 249		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 8		Well Diameter (in.): 2.5 and 1
Const. Materials: Sch 80 PVC	Well Depth ft (BGS) A: 213.47 B: 181.32 C: 130.52		Static Water (ft BGS): 13.45
Logged By: R. Clennon/J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 11/02/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
0			Hand augered 0 to 7 ft. bgs. Soil logging begins at 5 ft. bgs.					120
5			6.3 - 8.2 ft.: Small zone of black discoloration at top of unit.	0.0/0.7	SPSM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace medium sand, trace coarse sand, trace to little subrounded to subangular gravel, trace to little silt, damp to dry.		
					SP	SAND; 2.5Y 6/3 light yellowish brown, fine to medium grained, trace to little fine to coarse rounded to subrounded gravel, trace coarse sand, trace silt, trace cobble, damp.		115
10					NSNR	No recovery.		
				0.0/0.0	SP	SAND; 2.5Y 3/2 very dark grayish brown grading into 2.5 Y 6/3 light yellowish brown, fine to medium grained, trace to little fine to coarse rounded to subrounded gravel, trace silt, trace coarse sand, trace cobble, damp.		
					NSNR	No recovery.		110
15				0.0/0.0	SP	SAND; 2.5Y 3/2 very dark grayish brown grading into 2.5 Y 6/3 light yellowish brown, fine to medium grained, trace to little fine to coarse rounded to subrounded gravel, trace silt, trace gravel, trace cobble, damp.		
					SPSM	SAND; 10YR 5/4 yellowish brown, fine grained, little medium sand, trace to little silt, trace coarse sand, trace subrounded fine to coarse gravel, moist.		
					SP			
					NSNR	SAND; 10YR 6/6 brownish yellow, medium grained, trace fine sand, trace coarse sand, trace fine subrounded gravel, trace silt, wet.		105
20			Water table encountered at approximately 20 ft. bgs. 20.0 - 30.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	No recovery.		
						SAND; 10YR 6/4 light yellowish brown, fine to medium grained, trace to little fine to coarse rounded to subangular gravel, trace coarse sand, trace silt, saturated.		100
25					NSNR	No recovery.		
	11.3							95
30			30.0 - 40.0 ft.: Low recovery due to very saturated conditions. FID bkgrd = 0.0	0.0/0.2	SP	SAND; 2.5Y 5/6 light olive brown, medium grained, little to some fine to coarse rounded to subangular gravel, trace to little coarse sand, trace fine sand, trace silt, saturated.		
					NSNR	No recovery.		

CH2MHILL

LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM | Location: Currier Rd/Sandwich Rd intersection

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
35								90
	12.4							
40			40.0 - 44.3 ft.: Fining downwards.	0.0/0.5	SP	SAND; 2.5Y 5/6 light olive brown, medium grained, little to some fine to coarse rounded to subangular gravel, trace to little coarse sand, trace fine sand, trace silt, saturated.		85
45			40.0 - 50.0 ft.: FID bkgrd = 0.0		NSNR	No recovery.		80
	12.5							
50			50.0 - 53.2 ft.: Few lenses of fine sand.	2.2/2.0	SP	SAND; 10YR 6/4 light yellowish brown, fine to medium grained, trace to little coarse sand, trace fine subrounded to subangular gravel, trace silt, saturated.		75
			50.0 - 60.0 ft.: FID bkgrd = 1.1		NSNR	No recovery.		70
55								
	12.1							
60			60.0 - 63.6 ft.: Few lenses of coarser sand/gravel and few lenses of fine sand throughout.	2.3/2.9	SP	SAND; 2.5Y 7/4 pale yellow, fine to medium grained, trace coarse sand, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		65
			60.0 - 70.0 ft: FID bkgrd = 4.6		NSNR	No recovery.		60
65								
	12.5							
70			70.0 - 73.8 ft.: Few lenses of coarser sand/gravel and few lenses of fine sand throughout.	0.0/0.6	SP	SAND; 2.5Y 7/4 pale yellow, fine to medium grained trace coarse sand, trace fine subangular gravel, trace silt, saturated.		55
			70.0 - 80.0 ft.: FID bkgrd =		NSNR	No recovery.		50

CH2MHILL

LOCATION: **03MW1058A** CS-10 SPEIM

Project Name: CS-10 SPEIM | Location: Currier Rd/Sandwich Rd intersection

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
75			0.0					50
	12.1							
								45
80			80.0 - 84.3 ft.: Few lenses of coarser sand/gravel and few lenses of fine sand throughout.	0.7/0.4	SP	SAND; 2.5Y 7/4 pale yellow, fine to medium grained trace coarse sand, trace fine subangular gravel, trace silt, saturated.		
								40
85			80.0 - 90.0 ft.: FID bkgrd = 0.1		NSNR	No recovery.		
	12.3							
								35
90			90.0 - 94.9 ft.: Few lenses of coarser sand/gravel and few lenses of fine sand throughout.	0.3/0.9	SP	SAND; 2.5Y 7/4 pale yellow, fine to medium grained trace coarse sand, trace fine subangular gravel, trace silt, saturated.		
								30
95			94.9 - 97.3 ft.: Few lenses of coarser sand/gravel.		SP	SAND; 10YR 6/4 light yellowish brown, fine grained, trace medium sand, trace coarse sand, trace fine rounded to subangular gravel, trace silt, saturated.		
	12.5		90.0 - 100.0 ft.: FID bkgrd = 0.0		NSNR	No recovery.		
								25
100			100.0 - 105.6 ft.: Few lenses of coarser sand/gravel.		SP	SAND; 10YR 6/4 light yellowish brown, fine grained, trace medium sand, trace coarse sand, trace fine rounded to subangular gravel, trace silt, saturated.		
								20
105					NSNR	No recovery.		
	12.5							
								15
110			110.0 - 120.0 ft.: FID bkgrd = 0.0	0.0/0.2	SP	SAND; 2.5Y 7/4 pale yellow, fine to medium grained, trace coarse sand, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		
					SP	SAND; 10YR 6/4 light yellowish brown, fine grained, trace silt, saturated.		10
115					SP	SAND; 10YR 6/4 light yellowish brown, medium grained, little fine sand, trace coarse sand, trace fine subrounded to		

CH2MHILL

LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM | Location: Currier Rd/Sandwich Rd intersection

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
						subangular gravel, trace silt, saturated.		
	12.5				NSNR	No recovery.		5
120			120.0 - 130.0 ft.: FID bkgrd = 0.0	0.7/0.0	SP	SAND; 10YR 6/4 light yellowish brown, medium grained, little fine sand, trace coarse sand, trace fine subrounded to subangular gravel, trace silt, saturated.		0
					SP	SAND; 10YR 6/4 light yellowish brown, fine grained, trace silt, saturated.		
125			125.3 - 127.2 ft.: Coarsening downward.		SP	SAND; 10YR 6/4 light yellowish brown, medium grained, little fine sand, little coarse sand, trace to little fine subrounded to subangular gravel, trace coarse subrounded gravel, trace silt, saturated.		
	12.1				NSNR	No recovery.		-5
130			130.0 - 140.0 ft.: FID bkgrd = 0.0	0.2/0.1	SP	SAND; 10YR 6/4 light yellowish brown, medium grained, little fine sand, little coarse sand, trace to little fine subrounded to subangular gravel, trace coarse subrounded gravel, trace silt, saturated.		
					SP	SAND; 10YR 6/4 light yellowish brown, fine grained, trace medium to coarse sand, trace silt, saturated.		
135					SP	SAND; 10YR 6/6 brownish yellow, medium grained, little fine sand, trace to little coarse sand, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		-10
					NSNR	No recovery.		
	11.8							-15
140			140.0 - 145.6 ft.: Few lenses of fine sand.	0.7/1.1	SP	SAND; 10YR 6/6 brownish yellow, medium grained, some fine sand, trace coarse sand, trace fine subrounded gravel, trace silt, saturated.		
			140.0 - 145.6 ft.: CHPB01058A.140.145					-20
145			At 146.6 ft. bgs: color change to 10YR 5/8 yellowish brown.		SP	SAND; 10YR 5/4 yellowish brown, medium grained, little fine sand, trace to little coarse sand, trace fine subangular gravel, trace silt, saturated.		
			147.0 - 147.5 ft.: Fining downward to a clay stringer at bottom (1" thick).		SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, little silt, little clay, saturated.		
	12.3				SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace medium sand, trace fine subrounded gravel, trace silt, saturated.		-25
			140.0 - 150.0 ft.: FID bkgrd = 0.0		NSNR	No recovery.		
150			150.0 - 152.5 ft.: Coarse material all at bottom of unit.	0.8/0.5	SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace medium sand, trace coarse sand, trace fine subrounded gravel, trace silt, saturated.		
					SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, some silt, trace mica, saturated.		-30
			152.5 - 155.0 ft.: CHPB01058A.152.155					
155			150.0 - 160.0 ft.: FID bkgrd = 0.0		SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace medium sand, trace silt, saturated.		

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LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM | Location: Currier Rd/Sandwich Rd intersection

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
	11.6							
					NSNR	No recovery.		-35
160			160.0 - 170.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace coarse sand, trace silt, saturated.		
			163.6 - 167.15 ft.: Few lenses of fine sand.		ML	SANDY SILT; 2.5Y 5/4 light olive brown, fine grained, trace clay, saturated.		-40
165			163.6 - 167.2 ft.: CHPB01058A.163.167					
	12.5				NSNR	No recovery.		-45
170			170.0 - 180.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 2.5Y 7/6 yellow, fine to medium grained, trace coarse sand, trace fine subrounded gravel, trace silt, saturated.		
					SP	SAND; 2.5Y 7/4 light yellowish brown, fine grained, trace silt, trace mica, saturated.		-50
175			172.2 - 175.6 ft.: CHPB01058A.172.175					
					SM	SAND; 2.5Y 5/6 light olive brown, fine grained, some silt, trace medium sand, trace mica, saturated.		
	13.0		175.6 - 179.6 ft.: CHPB01058A.175.179					-55
					NSNR	No recovery.		
180					SM	SAND; 2.5Y 5/6 light olive brown, fine grained, some silt, trace medium sand, trace mica, saturated.		
			180.7 - 181.9 ft.: Coarsening downward.		SP	SAND; 2.5Y 6/4 light yellowish brown, medium grained, little fine sand, little coarse sand, trace fine to coarse subangular to subrounded gravel, trace silt, saturated.		
					SM	SILTY SAND; 2.5Y 5/6 light olive brown, fine grained, trace mica, saturated.		
			183.0 - 189.1 ft.: Few lenses of 2.5 Y 7/6 yellow, medium grained sand.		SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace silt, trace mica, trace medium sand, saturated.		-60
185								
	13.7							-65
					NSNR	No recovery.		
190			190.0 - 193.7 ft.: Few lenses of silty sand.		SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, some medium sand, trace coarse sand, trace fine subrounded gravel, trace silt, saturated.		
			190.0 - 193.7 ft.: CHPB01058A.190.193		SM	SILTY SAND; 2.5Y 5/4 light olive brown, fine grained, trace mica, saturated.		-70
195			194.5 - 198.9 ft.: Few lenses of silty sand, few silt stringers up to 1/2" thick.		SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, some silt, little medium sand, trace coarse sand, trace fine subrounded to subangular gravel, saturated.		
	13.1							

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LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM | Location: Currier Rd/Sandwich Rd intersection

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
			194.5 - 204.5 ft.: CHPB01058A.194.204		NSNR	No recovery.		-75
200			200.0 - 204.5 ft.: Few lenses silty sand.		SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, some silt, little medium sand, trace coarse sand, trace fine subrounded to subangular gravel, saturated.		
					SM	SAND; 2.5Y 5/4 light olive brown, fine grained, little to some silt, trace mica, saturated.		-80
205			205.0 - 207.7 ft.: Fining downward. Few lenses silty sand.		SP	SAND; 2.5Y 6/4 light yellowish brown, fine to medium grained, trace coarse sand, trace fine subrounded to subangular gravel, trace silt, saturated.		
	12.6		207.7 - 208.95 ft.: Silt content increases downward.		SM	SAND; 2.5Y 5/4 light olive brown, fine grained, little to some silt, trace mica, saturated.		
					NSNR	No recovery.		-85
210			210.0 - 213.3 ft.: Few lenses of fine sand and gravelly sand. Trace iron oxide discoloration at bottom of unit.	0.0/0.0	SP	SAND; 2.5Y 6/4 light yellowish brown, fine to medium grained, trace coarse sand, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		
			210.0 - 220.0 ft.: FID bkgrd = 0.0		SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, little to some silt, saturated.		-90
215			214.9 - 217.3 ft.: Few lenses of fine sand and gravelly sand.		SP	SAND; 2.5Y 6/4 light yellowish brown, fine to medium grained, trace coarse sand, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		
	12.7				NSNR	No recovery.		-95
220			220.0 - 230.0 ft.: FID bkgrd = 0.0	0.0/0.0	SPSM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, little medium sand, trace to little silt, trace gravel, trace mica, saturated.		
			220.0 - 226.0 ft.: CHPB01058A.220.226					-100
225					NSNR	No recovery.		
	12.7							-105
230			230.0 - 232.0 ft.: A 1.5-inch thick gray silty fine sand stringer noted at ~230.5 ft. bgs. Coarsening downward.	0.0/0.0	SP	SAND; 2.5Y 6/4 light yellowish brown, fine to medium grained, trace to little coarse sand, trace to little fine to coarse subrounded to subangular gravel, trace silt, saturated.		
			230.0 - 240.0 ft.: FID bkgrd = 13.8		NSNR	No recovery.		-110
235								
	12.7							-115
240								

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LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM | Location: Currier Rd/Sandwich Rd intersection

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
240			240.0 - 243.6 ft.: Coarsening downward.	3.7/2.7	SP	SAND, GRAVEL, and, SILT; 2.5Y 5/1 gray, fine to coarse grained sand, fine to coarse subrounded to angular gravel, little subangular cobble, saturated.		
					ML	SILT; 2.5Y 5/1 gray, little fine to medium sand, trace coarse sand, trace fine subangular gravel, moist to wet.		-120
245			243.6 - 244.3 ft.: 3.5-inch thick cobble on bottom of unit.		NSNR	No recovery.		
			240.0 - 246.0 ft.: FID bkgrd = 0.6		NACM	BEDROCK; pieces range from coarse gravel to 0.6 ft.		-125
			246.0 - 248.8 ft.: Bedrock encountered at ~246 ft. bgs.					
250			Bottom of boring at 249 ft. bgs.			Notes: 1. Well Depth 03MW1058A: 213.47 ft. bgs 03MW1058B: 181.32 ft. bgs 03MW1058C: 130.52 ft. bgs 2. Sch 80 PVC Screens: 3. Screen Length 03MW1058A: 4.30 feet 03MW1058B: 4.36 feet 03MW1058C: 4.65 feet 4. Screen Interval 03MW1058A: 208.76 - 213.06 ft. bgs 03MW1058B: 176.62 - 180.98 ft. bgs 03MW1058C: 125.48 - 130.13 ft. bgs 5. Slot Size: 0.010 in.		-130
255								
								-135
260								

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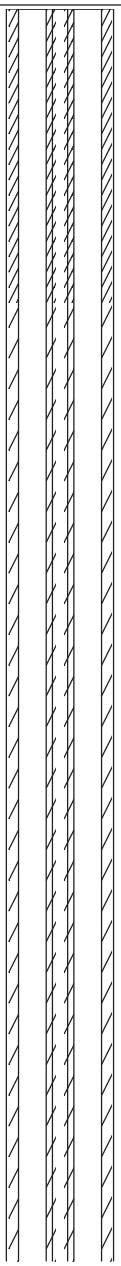
LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Currier Rd/Sandwich Rd intersection	
Project Number: 389849	Northing A: 232567.65 B: 232567.90 C: 232567.76 Easting A: 861931.11 B: 861931.08 C: 861930.88 GS Elev: 60.05		
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation A (ft MSL): 59.48 B: 59.61 C: 59.55		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/28/2009		Date Finished: 11/12/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 249		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 8		Well Diameter (in.): 2.5 and 1
Const. Materials: Sch 80 PVC	Well Depth ft (BGS) A: 213.47 B: 181.32 C: 130.52		Static Water (ft BGS): 13.45
Logged By: R. Clennon/J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 11/02/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks
0												Groundwater sampling activities start at 25 ft. bgs.
20												Water table is encountered at approximately 20 ft. bgs.
25	CHPB01058A-01009	◄ ►		147	11.3	12.14	5.82	203.1	125	6.65	27.5	Purge started out dark grayish brown and very cloudy; cleared in approximately 6 minutes. *Turbidity readings did not stabilize and were very jumpy; reading is an estimated average.
35	CHPB01058B-01009	◄ ►		186	12.4	10.82	7.61	172.6	78	10.16	6.1	Purge started out very dark grayish brown; cleared in approximately 4 minutes.
45	CHPB01058C-01009	◄ ►		175	12.5	10.47	7.22	157.6	92	9.13	51.3	Purge started out very cloudy/silty and yellowish brown; cleared quickly in approximately 2 minutes.
55	CHPB01058D-01009	◄ ►		182	12.1	10.66	7.31	120.5	130	3.76	266.4	Purge was a little cloudy and

Well Construction Diagram



Elevation (ft msl): 60, 55, 50, 45, 40, 35, 30, 25, 20, 15, 10, 5

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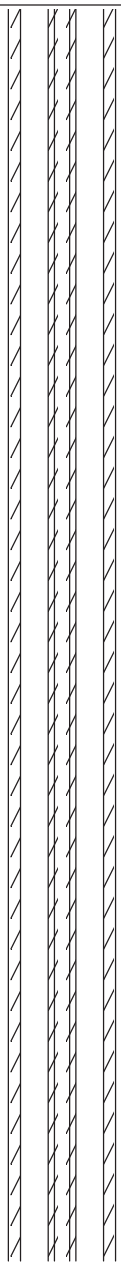
LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Currier Rd/Sandwich Rd intersection	
Project Number: 389849	Northing A: 232567.65 B: 232567.90 C: 232567.76 Easting A: 861931.11 B: 861931.08 C: 861930.88 GS Elev: 60.05		
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation A (ft MSL): 59.48 B: 59.61 C: 59.55		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/28/2009		Date Finished: 11/12/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 249		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 8		Well Diameter (in.): 2.5 and 1
Const. Materials: Sch 80 PVC	Well Depth ft (BGS) A: 213.47 B: 181.32 C: 130.52		Static Water (ft BGS): 13.45
Logged By: R. Clennon/J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 11/02/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks
55												brownish yellow in color; cleared slightly in first 3 minutes, but not completely.
60												
65	CHPB01058E-01009	◀ ▶	0.0	138	12.5	10.85	7.23	125.1	187	1.73	195.2	Purge was a little cloudy and yellowish brown; cleared up significantly in approximately 2 minutes, but not completely.
70												
75	CHPB01058F-01009	◀ ▶	0.1	206	12.1	10.96	7.26	132.1	150	0.58	32.8	Purge was cloudy/silty and yellowish brown; cleared slightly in 4 minutes and fully in approximately 10 minutes.
80												
85	CHPB01058G-01009	◀ ▶	0.0	221	12.3	11.06	6.65	169.7	119	1.58	20.4	Purge was very silty/cloudy and yellowish brown in color; cleared in approximately 4 minutes.
90												
95	CHPB01058H-01009	◀ ▶	0.0	238	12.5	11.10	6.42	177.6	137	2.30	6.1	Purge was only very slightly cloudy with a yellowish brown tint; cleared within 2 minutes.
100												
105	CHPB01058I-01009	◀ ▶	0.0	275	12.5	11.09	6.88	186.5	149	7.60	1.7	Purge was only slightly cloudy with a yellowish brown tint; cleared in approximately 3 minutes.
110												

Well Construction Diagram



Elevation (ft msl)

5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50

CH2MHILL

LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Currier Rd/Sandwich Rd intersection	
Project Number: 389849	Northing A: 232567.65 B: 232567.90 C: 232567.76 Easting A: 861931.11 B: 861931.08 C: 861930.88 GS Elev: 60.05		
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation A (ft MSL): 59.48 B: 59.61 C: 59.55		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/28/2009		Date Finished: 11/12/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 249		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 8		Well Diameter (in.): 2.5 and 1
Const. Materials: Sch 80 PVC	Well Depth ft (BGS) A: 213.47 B: 181.32 C: 130.52		Static Water (ft BGS): 13.45
Logged By: R. Clennon/J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 11/02/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks	Well Construction Diagram	Elevation (ft msl)
115	CHPB01058J-01009	◄ ►	0.1	125	12.5	11.21	6.59	182.5	171	8.66	3.7	Purge was a little cloudy and brownish yellow in color; cleared in 2 minutes.		-55
120														-60
125	CHPB01058K-01009	◄ ►	0.0	121	12.1	11.35	6.32	192.8	159	8.43	3.6	Purge was only slightly cloudy and tinted brownish yellow; cleared in approximately 1 minute.		-65
130														-70
135	CHPB01058L-01009	◄ ►	0.0	142	11.8	11.42	6.39	185.6	94	8.08	3.3	Purge was yellowish brown in color and a little cloudy; cleared in approximately 2 minutes.		-75
140														-80
145	CHPB01058M-01009	◄ ►	0.0	160	12.3	11.47	6.30	161.3	102	0.74	8.3	Purge was a little silty/cloudy and yellowish brown in color; cleared in approximately 3 minutes.		-85
150														-90
155	CHPB01058N-01009	◄ ►	0.0	174	11.6	11.45	6.57	157.0	99	1.79	4.0	Purge was a little cloudy/silty and yellowish brown; cleared in approximately 3 minutes.		-95
160														-100
165	CHPB01058O-01009	◄ ►	0.0	187	12.5	13.08	6.99	161.7	192	11.45	1021.0	Purge was slightly cloudy/silty and yellowish brown; cleared in		-105

CH2MHILL

LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Currier Rd/Sandwich Rd intersection	
Project Number: 389849	Northing A: 232567.65 B: 232567.90 C: 232567.76 Easting A: 861931.11 B: 861931.08 C: 861930.88 GS Elev: 60.05		
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation A (ft MSL): 59.48 B: 59.61 C: 59.55		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/28/2009		Date Finished: 11/12/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 249		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 8		Well Diameter (in.): 2.5 and 1
Const. Materials: Sch 80 PVC	Well Depth ft (BGS) A: 213.47 B: 181.32 C: 130.52		Static Water (ft BGS): 13.45
Logged By: R. Clennon/J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 11/02/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks	Well Construction Diagram	Elevation (ft msl)
												approximately 2 minutes. At 0918, purge became very silty and opaque then stopped. Due to high silt content, water quality readings were collected from a beaker.		
170														-110
175	CHPB01058P-01009	◄ ►	0.0	260	13.0	12.41	6.69	144.0	126	8.56	0.8	Purge was very slightly cloudy and grayish brown; cleared partially in approximately 10 minutes.		-115
180														-120
185	CHPB01058Q-01009	◄ ►		205	13.7	11.88	6.95	120.3	105	6.84	65.6	Purge was a little cloudy and grayish brown in color; cleared in approximately 3 minutes.		-125
190														-130
195	CHPB01058R-01009	◄ ►		131	13.1	12.07	6.90	109.1	101	5.98	90.5	Purge was a little cloudy and grayish brown in color; cleared partially in approximately 5 minutes.		-135
200														-140
205	CHPB01058S-01009	◄ ►		176	12.6	11.86	7.01	95.1	82	7.38	90.5	Purge was cloudy and grayish brown; cleared in approximately 5 minutes.		-145
210														-150
215	CHPB01058T-01009	◄ ►	0.0	114	12.7	12.36	6.91	75.3	103	6.66	1619.6	Purge was only slightly cloudy and brownish yellow to start, then became increasingly silty and deeper brown in color during purge.		-155
220														-160

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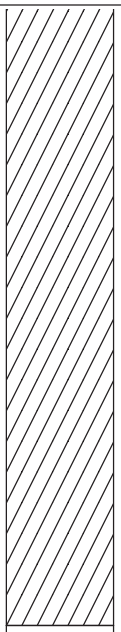
LOCATION: **03MW1058A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Currier Rd/Sandwich Rd intersection	
Project Number: 389849	Northing A: 232567.65 B: 232567.90 C: 232567.76 Easting A: 861931.11 B: 861931.08 C: 861930.88 GS Elev: 60.05		
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation A (ft MSL): 59.48 B: 59.61 C: 59.55		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/28/2009		Date Finished: 11/12/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 249		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 8		Well Diameter (in.): 2.5 and 1
Const. Materials: Sch 80 PVC	Well Depth ft (BGS) A: 213.47 B: 181.32 C: 130.52		Static Water (ft BGS): 13.45
Logged By: R. Clennon/J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 11/02/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks
225	CHPB01058U-01009	◄ ►	0.0	378	11.7	12.97	6.83	4.8	64	7.17	249.2	Purge started out mostly clear, yellowish brown tinted, then became increasingly silty/sandy and stopped pump operation. After cleaning pump and replacing packer, purge resumed and became increasingly silty/sandy, yellowish brown, muddy. Due to high silt content, water quality readings were collected from a beaker.
230												
235	CHPB01058V-01009	◄ ►	0.0	177	12.7	12.41	7.64	-219.2	126	1.41	59.8	Purge was cloudy/silty and dark brown in color, then turned brownish yellow and became a little sandy in 5 minutes and did not clear. Bottom of boring at 240 ft. bgs.
240												
245												Notes: 1. Well Depth 03MW1058A: 213.47 ft. bgs 03MW1058B: 181.32 ft. bgs 03MW1058C: 130.52 ft. bgs 2. Sch 80 PVC Screens: 3. Screen Length 03MW1058A: 4.30 feet 03MW1058B: 4.36 feet 03MW1058C: 4.65 feet 4. Screen Interval 03MW1058A: 208.76 - 213.06 ft. bgs 03MW1058B: 176.62 - 180.98 ft. bgs 03MW1058C: 125.48 - 130.13 ft. bgs 5. Slot Size: 0.010 in.
250												
255												
260												

Well Construction Diagram

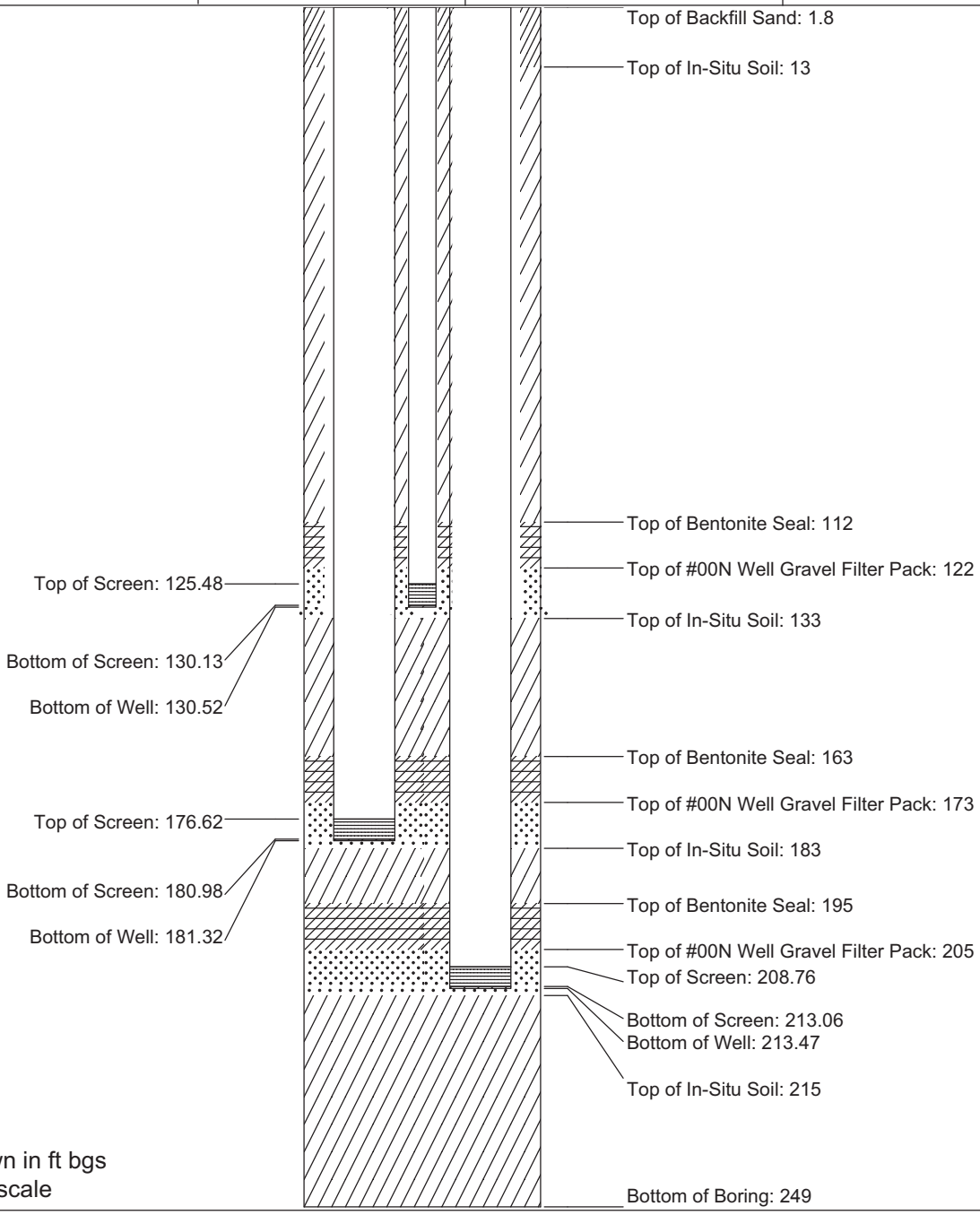


Elevation (ft msl): -165, -170, -175, -180, -185, -190, -195

WELL CONSTRUCTION DIAGRAM

LOCATION: 03MW1058ABC CS-10 SPEIM

Project Name: CS-10 SPEIM	Location: Currier Rd/Sandwich Rd Intersection	
Project Number: 389849	Northing A: 232567.65 B: 232567.90 C: 232567.76 Easting A: 861931.11 B: 861931.08 C: 861930.88 GS Elev: 60.05	
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation A (ft MSL): 59.48 B: 59.61 C: 59.55 Measuring Point: TOC	
Drilling Equipment: Rig #534	Date Started: 10/07/2009	Date Finished: 10/27/2009
Drilling Method: Sonication	Sampling Method: Core barrel/sub pump	Total Depth Drilled (ft BGS): 249
Const. Materials: Sch 80 PVC and Sch 40 PVC	Borehole Diameter (in.): 8	Well Diameter (in.): 2.5 and 1
Screen Slot Size (in) A: 0.010 B: 0.010 C: 0.010	Well Depth (ft BGS) A: 210 B: 170 C: 120	First Water (ft BGS): 20 Static Water (ft BGS): 10.28 Date Measured: 10/12/2009
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount



All depths shown in ft bgs
Drawing not to scale

Legend: In-Situ Soil | Filter Pack | Bentonite Seal | Backfill Sand

CH2MHILL

LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
0			Hand augered 0 to 7 ft. bgs. Soil logging starts at 7.0 ft bgs.					55
5								50
10			20.0 - 30.0 ft.: FID bkgrd = 0.1	0.1/0.6	SP	SAND; 2.5Y 5/3 tan, medium to coarse grained, trace silt, wet.		45
					SP	SAND; 2.5Y 7/4 tan, medium grained, little fine sand, trace fine to coarse subrounded to rounded gravel, trace silt, moist.		
					SM	SAND; 2.5Y 5/4 brown, medium grained, little silt, trace fine to coarse subrounded to rounded gravel, saturated.		
15					SP	SAND; 2.5Y 6/4 tan, medium grained, little fine sand, trace silt, trace fine to coarse subrounded to subangular gravel, saturated.		40
					NSNR	No recovery.		
20			Water table encountered at approximately 20 ft. bgs. 20.0 - 27.0 ft.: Some zones have higher gravel content.	4.1/0.0	SP	SAND; 2.5Y 6/3 light yellowish brown, medium grained, trace fine sand, trace coarse sand, trace to little fine subrounded to subangular gravel, trace coarse subrounded gravel, trace silt, saturated.		35
25								30
	13.6		20.0 - 30.0 ft.: FID bkgrd = 2.5		NSNR	No recovery.		
30			30.0 - 40.0 ft.: FID bkgrd = 23.3	23.3/0.0	SP	SAND; 2.5Y 6/3 light yellowish brown, medium grained, trace to little fine sand, trace coarse sand, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		25
35								20
	3.3			0.0/0.0	NSNR	No recovery.		

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LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
40					SP	SAND; 2.5Y 7/3 pale yellow, medium grained, little fine sand, trace coarse sand, trace silt, saturated.		15
			40.0 - 50.0 ft.: FID bkgrd = 0.0		SP	SAND; 2.5Y 7/3 pale yellow, medium grained, little coarse sand, trace to little fine rounded to subangular gravel, trace fine sand, trace silt, saturated.		
					SP			
45					NSNR	SAND; 2.5Y 7/3 pale yellow, medium grained, little fine sand, trace coarse sand, trace silt, saturated. No recovery.		10
	6.66							
50			50.0 - 57.4 ft.: Gravel and coarse sand occur in zone / lenses throughout.	0.0/0.0	SP	SAND; 2.5Y 6/4 light yellowish brown, medium grained, little fine sand, trace coarse sand, trace fine to coarse rounded to subrounded gravel, trace silt, saturated.		5
55								0
	6.66		50.0 - 60.0 ft.: FID bkgrd = 0.0		SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace medium sand, trace coarse sand, trace silt, saturated.		
					NSNR	No recovery.		
60					SP	SAND; 2.5Y 6/4 light yellowish brown, fine to medium grained, trace coarse sand, trace fine to coarse rounded to subangular gravel, trace silt, trace fine sand lenses, saturated.		-5
65								-10
	13.27				NSNR	No recovery.		
70			70.0 - 79.6 ft.: Occasional lenses of fine sand.	0.0/0.0	SP	SAND; 10YR 5/4 yellowish brown, fine to medium grained, trace coarse sand, trace fine rounded to subrounded gravel, trace silt, saturated.		-15
75								-20
	13.04							

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LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
80			70.0 - 80.0 ft.: FID bkgrd = 0.0		NSNR	No recovery.		-25
					SP	SAND; 10YR 5/4 yellowish brown, fine to medium grained, trace coarse sand, trace fine rounded to subrounded gravel, trace silt, saturated.		
85								-30
	13.04							
90			90.0 - 94.1 ft.: Coarsening downward.	0.0/0.0	SP	SAND; 2.5Y 6/3 light yellowish brown, fine grained, trace medium sand, trace coarse sand, trace silt, saturated.		-35
						SAND; 2.5Y 6/3 light yellowish brown, medium grained, little coarse and fine sand, trace subrounded to subangular gravel, trace silt, saturated.		
95			90.0 - 100.0 ft.: FID bkgrd = 0.0		SP			
					SP	SAND; 2.5Y 6/3 light yellowish brown, fine grained, trace medium sand, trace coarse sand, trace silt, saturated.		-40
					SP			
	10.3				SP	SAND; 2.5Y 7/3 light yellowish tan, medium grained, trace coarse sand, trace gravel, trace silt, saturated.		
					SP	SAND; 2.5Y 4/3 medium brown, medium to coarse grained, trace to little fine sand, trace fine to coarse subrounded gravel, saturated.		
100					NSNR			
			100.0 - 110.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 2.5Y 7/3 light yellowish tan, medium grained, trace coarse sand, trace gravel, trace silt, saturated.		-45
					SP	No recovery.		
					SP	SAND; 2.5Y 6/4 light yellowish brown, medium grained, little fine sand, trace coarse sand, trace silt, saturated.		
105						SAND; 2.5Y 6/3, light yellowish brown, medium grained, little coarse sand, little fine to coarse subrounded to subangular gravel, trace silt, saturated.		-50
	13.04					SAND; 2.5Y 6/4 light yellowish brown, medium grained, little fine sand, trace coarse sand, trace silt, saturated.		
110			110.0 - 120.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 2.5Y 7/3 pale yellow, medium grained, little fine sand, trace coarse sand, trace fine rounded to subangular gravel, trace silt, saturated.		-55
					SP	SAND; 2.5Y 7/6 yellow, medium grained, little coarse sand, little fine sand, little fine to coarse subrounded to subangular gravel, trace silt, saturated.		
115								-60

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LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
	13.04							
					NSNR	No recovery.		
120			120.0 - 123.8 ft.: Few fine sand lenses toward bottom of interval.	0.0/0.0	SP	SAND; 2.5Y 6/3 light yellowish brown, medium grained, little coarse sand, little fine sand, little fine to medium subrounded to subangular gravel, trace cobble, trace silt, saturated.		-65
						SAND; 10YR 6/6 brownish yellow, medium grained, little fine sand, trace fine rounded to subrounded gravel, trace silt, saturated.		
			120.0 - 130.0 ft.: FID bkgrd = 0.0		SP			
125					SP	SAND; 10YR 6/6 brownish yellow, fine to medium grained, trace coarse sand, trace silt, saturated.		-70
					NSNR	No recovery.		
	12.77							
130			130.0 - 140.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 10YR 6/6 brownish yellow, fine to medium grained, trace coarse sand, trace silt, saturated.		-75
					SM	SAND; 2.5Y 5/4 light olive brown, fine grained, little silt, trace medium sand, trace mica, saturated.		
			132.8 - 135.7 ft.: CHPB01059A.132.135					
135					SP	SAND; 2.5Y 7/4 pale yellow, fine to medium grained sand, trace coarse sand, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		-80
	13.04							
					SM	SILTY SAND; 2.5Y 5/4 light olive brown, fine grained, trace mica, wet.		
140					NSNR	No recovery.		
			140.0 - 150.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 2.5Y 5/4 light olive brown, fine grained, saturated.		-85
						SAND; 2.5Y 5/6 light olive brown, medium grained, little fine sand, trace coarse sand, trace silt, trace fine gravel, saturated		
145					SP			
					SP	SAND; 2.5Y 5/4 light olive brown, fine grained, saturated.		-90
	12.0							
					NSNR	No recovery.		
150			150.0 - 160.0 ft.: FID bkgrd = 0.0	0.0/0.0	SM	SAND; 2.5Y 6/3 light yellowish brown, fine grained, some silt, trace medium sand, trace mica, saturated.		-95
			150.0 - 155.9 ft.: CHPB01059A.150.155					
155								
			155.9 - 158.5 ft.:		SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, some		-100

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LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
			CHPB01059A.155.158			silt, trace clay, trace mica, saturated.		
	10.17				SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, some silt, trace medium sand, saturated.		
160			158.5 - 162.4 ft.: CHPB01059A.158.162	0.0/0.0	SM	SAND; 2.5Y 6/4 light yellowish brown, fine grained, some silt, trace medium sand, saturated.		-105
			162.4 - 163.2 ft.: Clay content increases downward.		ML	SILT; 2.5Y 5/6 light olive brown, some fine sand, trace clay, trace mica, saturated.		
			162.4 - 163.2 ft.: CHPB01059A.162.163		SP	SAND; 2.5Y 6/3 light yellowish brown, fine grained, some medium sand, trace coarse sand, trace silt, saturated.		
165			160.0 - 170.0 ft.: FID bkgrd = 23.0					-110
	12.5		163.2 - 169.8 ft.: CHPB01059A.163.169					
					NSNR	No recovery.		
170			170.0 - 176.4 ft.: Unit coarsens downard with increasing coarse sand and gravel toward bottom. FID readings in ambient air and background are highly variable and appear to be inaccurate.	20.0/20.0	SP	SAND; 2.5Y 6/3 light yellowish brown, fine to medium grained, trace coarse sand, trace subrounded fine to coarse gravel, trace silt, saturated.		-115
175								-120
			170.0 - 180.0 ft.: FID bkgrd = 20.0		SP	SAND; 2.5Y 6/3 light yellowish brown, fine grained, trace medium sand, trace silt, trace mica, saturated.		
	13.16				SP	SAND; 2.5Y 6/3 light yellowish brown, fine to medium grained, trace coarse sand, trace fine subangular gravel, trace silt, saturated.		
180			180 - 189.5 ft.: Trace lenses of medium grained sand with 10 YR 6/8 brownish yellow color.	0.0/0.0	SP	SAND; 2.5Y 6/4 light yellowish brown, fine to medium grained, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		-125
185								-130
	13.04				SPSM	SAND; 2.5Y 6/3 light yellowish brown, fine grained, trace to little silt, trace mica, saturated.		
190			180.0 - 190.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 2.5Y 6/4 light yellowish brown, fine to medium grained, trace fine to coarse subrounded to subangular gravel, trace silt, saturated.		-135
			190.0 - 199.3 ft.: Trace lenses of fine sand and medium sand with 10 YR 6/8 brownish yellow color.		SP	SAND; 2.5Y 6/3 light yellowish brown, fine to medium grained, trace coarse sand, trace silt, saturated.		
195								

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LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
	12.71				SP	SAND; 2.5Y 6/4 light yellowish brown, fine grained, trace silt, trace to little medium sand, trace mica, saturated.		-140
200			190.0 - 200.0 ft.: FID bkgrd - 0.0	0.0/0.0	SP	SAND; 2.5Y 6/3 light yellowish brown, fine grained, trace silt, trace to little medium sand, trace mica, saturated.		-145
			200.0 - 210.0 ft.: FID bkgrd = 0.0					
205			200.0 - 207.4 ft.: CHPB01059A.200.207		SP	SAND; 2.5Y 6/4 light yellowish brown and 7.5 YR 4/6 strong brown, fine to medium grained, trace to little coarse sand, trace fine subrounded to subangular gravel, trace silt, saturated.		-150
	12.45				SPSM	SAND; 2.5Y 6/3 light yellowish brown, fine grained, trace to little silt, trace mica, saturated.		
					NSNR	No recovery.		
210			210.0 - 220.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND; 2.5Y 5/3 light olive brown, fine grained, trace silt, trace medium sand, trace mica, saturated.		-155
215								-160
	12.0				NSNR	No recovery.		
220			220.0 - 230.0 ft.: FID bkgrd - 0.0	0.0/1.8	SP	SAND; 2.5Y 5/3 light olive brown, fine grained, trace silt, trace medium sand, trace mica, saturated.		-165
225			210.0 - 233.5 ft.: CHPB01059A.210.233					-170
	11.8				NSNR	No recovery.		
230				0.0/1.7	SP	SAND; 2.5Y 5/3 light olive brown, fine grained, trace silt, trace medium sand, trace mica, saturated.		-175
235			233.5 - 236.4 ft.: Sand is 7.5 YR 5/8 strong brown at top		SP	SAND; 2.5Y 6/3 light yellowish brown, medium grained, little fine sand, trace to little coarse sand, trace fine		

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LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Purge Rate (gpm)	Sampe Interval/ Recovery	Driller's Comments and Sample ID	PID/FID	USCS Class	Lithologic Description and Associated Lithographic Symbol	Well Construction Diagram	Elevation (ft msl)
235			and bottom of interval (~0.2' thick).			subrounded gravel, trace silt, saturated.		-180
	12.51		236.4 - 238.1 ft.: Trace lenses of fine to medium grained sand.		SM	SAND; 2.5Y 5/4 light olive brown, fine grained, some silt, trace medium sand, trace coarse sand, trace gravel, trace mica, saturated.		
			236.4 - 238.1 ft.: CHPB01059A.236.238		SPSM	SAND; 2.5Y 6/3 light yellowish brown, fine grained, trace to little silt, trace mica, saturated.		
240					NSNR	No recovery.		-185
			230.0 - 240.0 ft.: FID bkgrd = 0.0	1.1/0.0	SP	SAND; 2.5Y 6/3 light yellowish brown, fine to medium grained, trace coarse sand, trace fine to coarse subangular gravel, trace silt, saturated.		
			240.0 - 243.3 ft.: Trace medium sand lenses with 10 YR 5/6 yellowish brown color.		SP	SAND; 2.5Y 6/2 light brownish gray, fine grained, trace mica, trace silt, saturated.		
245								-190
			246.3 - 248.0 ft.: CHPB01059A.246.248		SM	SAND; 2.5Y 5/2 grayish brown, fine grained, some silt, trace mica, saturated.		
	11.91		240.0 - 250.0 ft.: FID bkgrd = 0.0		SPSM	SAND; 2.5Y 5/2 grayish brown, fine grained, trace to little silt, trace mica, saturated.		
250					NSNR	No recovery.		-195
				0.1/0.1	ML	SILT; 2.5Y 5/2 grayish brown, some fine sand, trace medium sand, trace clay, trace mica, saturated.		
			250.0 - 255.1 ft.: CHPB01059A.250.255					
255			255.1 - 257.8 ft.: Interval coarsens downward.		SP	SAND; 2.5Y 5/2 grayish brown, medium to coarse grained, little fine sand, little to some fine to coarse subrounded to subangular gravel, trace cobble, trace silt, saturated.		-200
			250.0 - 260.0 ft.: FID bkgrd = 0.0		NSNR	No recovery.		
260			260.0 - 261.0 ft.: FID bkgrd = 0.0	0.0/0.0	SP	SAND, SILT and GRAVEL; 2.5Y 5/1 gray, fine to coarse grained sand, fine to coarse subrounded to subangular gravel, trace cobble, saturated.		-205
			Bottom of boring at 261 ft. bgs. Core barrel refusal on bedrock.			Notes: 1. Well Depth: 03MW1059A: 210 ft. bgs 03MW1059B: 170 ft. bgs 03MW1059C: 120 ft. bgs 2. Sch 80 PVC Screens 3. Screen length: 03MW1059A: 4.40 feet 03MW1059B: 4.30 feet 03MW1059C: 4.60 feet 4. Screen interval: 03MW1059A: 205.1 - 209.5 ft. bgs 03MW1059B: 165.2 - 169.5 ft. bgs 03MW1059C: 115.1 - 119.7 ft. bgs 5. Slot size: 0.010 in. Note: Wells 03MW1059B and 03MW1059C completed in separate borehole located 4.5 ft. from initial borehole and well 03MW1059A. Well completion details on separate form.		-210
265								
270								-215

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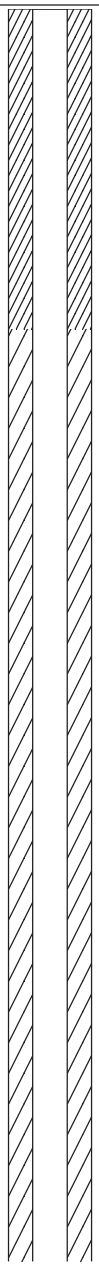
LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number:389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks
0												Groundwater sampling activities start at 25 ft. bgs.
20												Water table is encountered at approximately 20 ft. bgs.
25	CHPB01059A-01009	◄ ►		299	13.6	11.92	7.00	122.0	148	3.39	2.0	Purge started with light brown color and cloudy; cleared up in approximately 2 minutes.
35	CHPB01059B-01009	◄ ►		145	3.30	11.85	6.29	156.5	62	N/A	0	Attempt 1: Purge started tinted, pale brown, not cloudy, cleared in 30 seconds. Attempt 2: Purge water clear from start.
45	CHPB01059C-01009	◄ ►		133	6.66	11.75	6.39	178.8	75	6.60	0	Purge started out pale brown; cleared in approximately 4 minutes.
55	CHPB01059D-01009	◄ ►		186	6.66	11.78	6.40	150.2	121	0.82	12.5	Purge started light brown and a little silty; cleared in approximately 3 minutes.

Well Construction Diagram



Elevation (ft msl)

CH2MHILL

LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number:389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks	Well Construction Diagram	Elevation (ft msl)
60														-5
65	CHPB01059E-01009	◀ ▶		265	13.27	11.21	6.86	168.9	140	0.70	0	Purge was cloudy and light brown in color; cleared in approximately 1 minute.		-10
70														-15
75	CHPB01059F-01009	◀ ▶		183	13.04	11.68	6.92	137.3	177	0.78	0	Purge was very cloudy/almost muddy-looking, silty and yellowish brown in color; cleared in approximately 3 minutes.		-20
80														-25
85	CHPB01059G-01009	◀ ▶		222	13.04	11.42	7.00	138.6	148	1.31	0	Purge was cloudy and yellowish brown in color initially; cleared within 3 minutes.		-30
90														-35
95	CHPB01059H-01009	◀ ▶		233	10.30	11.33	6.79	197.3	213	0.96	0	Purge was cloudy and tan to medium brown in color, muddy-looking; cleared in approximately 1-2 minutes.		-40
100														-45
105	CHPB01059I-01009	◀ ▶		188	13.04	11.39	6.57	225.4	192	7.17	0	Purge was cloudy, slightly silty; cleared within approximately 1 minute.		-50
110														-55
115	CHPB01059J-01009	◀ ▶		313	13.04	11.37	6.74	181.6	195	0.69	0	Purge started out silty and brown; cleared within 3 minutes.		-60

CH2MHILL

LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number:389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks
120												
125	CHPB01059K-01009	◀ ▶		230	12.77	11.38	6.95	151.2	104	0.83	0	Purge started out very silty/cloudy and yellowish brown in color; cleared in approximately 2 minutes.
130												
135	CHPB01059L-01009	◀ ▶		207	13.04	11.36	7.16	146.8	97	1.69	0	Purge was silty, light yellowish brown in color; cleared in approximately 4 minutes.
140												
145	CHPB01059M-01009	◀ ▶		144	12.00	11.37	7.21	151.6	81	6.10	0	Purge started out silty/cloudy and light brown in color; cleared within 2 minutes.
150												
155	CHPB01059N-01009	◀ ▶		393	10.17	11.34	6.35	168.3	100	5.03	1.7	Purge started out silty/murky; cleared up within approximately 3 minutes.
160												
165	CHPB01059O-01009	◀ ▶		188	12.50	11.20	6.51	144.8	109	2.70	10.6	Purge started out brown, silty; cleared up in approximately 1-2 minutes.
170												
175	CHPB01059P-01009	◀ ▶		237	13.16	11.48	6.74	133.6	82	2.31	13.0	Purge started out slightly silty and

Well Construction Diagram

Elevation (ft msl): -65, -70, -75, -80, -85, -90, -95, -100, -105, -110, -115, -120

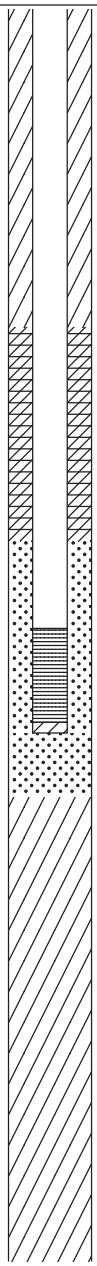
CH2MHILL

LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number:389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks
												pale yellowish brown in color; cleared in approximately 3 minutes.
180												
185	CHPB01059Q-01009	◄ ►		300	13.04	11.55	6.88	134.9	64	5.44	11.3	Purge started out silty and pale yellowish brown in color; cleared in approximately 2 minutes.
190												
195	CHPB01059R-01009	◄ ►		369	12.71	11.55	6.58	180.5	68	6.26	12.6	Purge started out a little silty and strong brown in color; cleared in approximately 5 minutes.
200												
205	CHPB01059S-01009	◄ ►		162	12.45	11.48	6.84	172.1	72	6.31	97.5	Purge started out little silty and light yellowish brown in color; cleared in approximately 4 minutes.
210												
215	CHPB01059T-01009	◄ ►		292	12.00	11.69	6.95	167.9	72	5.55	24.8	Purge started out silty and tan/light brown in color; cleared in approximately 4-5 minutes.
220												
225	CHPB01059U-01009	◄ ►		378	11.80	11.82	6.97	158.7	79	4.98	14.5	Purge started out silty and cloudy brown in color; cleared in approximately 5 minutes.
230												
235												



Well Construction Diagram

Elevation (ft msl)
-120
-125
-130
-135
-140
-145
-150
-155
-160
-165
-170
-175

CH2MHILL

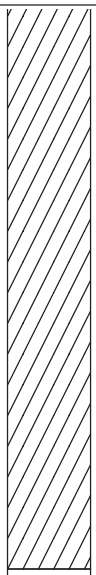
LOCATION: **03MW1059A**

CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number:389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Total Depth Drillied (ft BGS): 261		First Water (ft BGS): 20
Sampling Method: Core barrel/sub pump	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Const. Materials: Sch 80 PVC	Well Depth ft (BGS): 210		Static Water (ft BGS): 10.28
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	Date Measured: 10/12/2009

Depth (ft-bgs)	Sample ID	Interval (ft)	Headspace (ppm)	Total Purge vol (gal)	Purge Rate (gpm)	Temperature (c)	pH (units)	ORP (mV)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Remarks	Elevation (ft msl)
235	CHPB01059V-01009	◄ ►		338	12.51	11.81	6.98	156.5	102	1.26	8.5	Purge started out cloudy/silty and light yellowish brown in color; cleared in approximately 4 minutes.	-180
240													-185
245	CHPB01059W-01009	◄ ►		310	11.91	12.22	7.43	6.07	124	1.75	23.8	Purge started slightly cloudy and grayish brown in color; cleared in approximately 7 minutes.	-190
250													-195
255	CHPB01059X-01009	◄ ►		76								Non-producing zone. No sample collected. Bottom of boring at 260 ft. bgs.	-200
260												Notes: 1. Well Depth: 03MW1059A: 210 ft. bgs 03MW1059B: 170 ft. bgs 03MW1059C: 120 ft. bgs 2. Sch 80 PVC Screens 3. Screen length: 03MW1059A: 4.40 feet 03MW1059B: 4.30 feet 03MW1059C: 4.60 feet 4. Screen interval: 03MW1059A: 205.1 - 209.5 ft. bgs 03MW1059B: 165.2 - 169.5 ft. bgs 03MW1059C: 115.1 - 119.7 ft. bgs 5. Slot size: 0.01 in.	-205
265													-210
270													-215
275												Note: Wells 03MW1059B and 03MW1059C completed in separate borehole, located 4.5 ft. from initial borehole and well 03MW1059A. Well completion details on separate form.	-220
280													

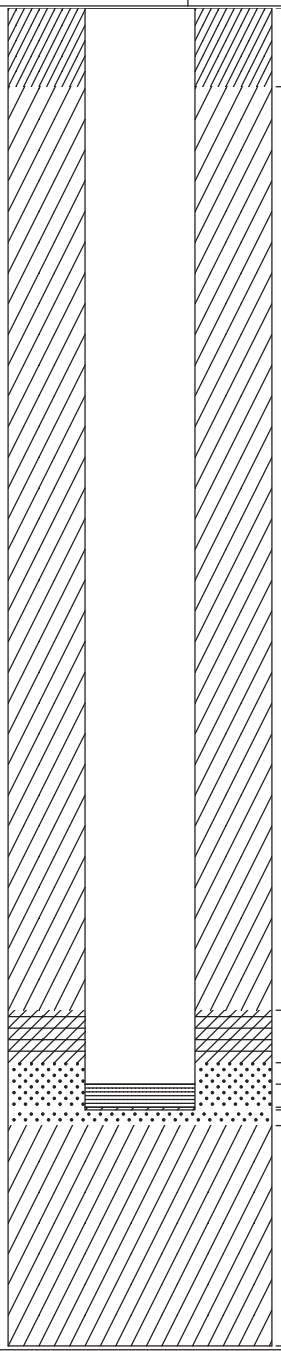
Well Construction Diagram



WELL CONSTRUCTION DIAGRAM

LOCATION: 03MW1059A CS-10 SPEIM

Project Name: CS-10 SPEIM		Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing: 231820.33	Easting: 862234.67	GS Elev: 56.13
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL): 55.27		Measuring Point: TOC
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009
Drilling Method: Sonication	Sampling Method: Core barrel/sub pump		Total Depth Drillied (ft BGS): 261
Const. Materials: Sch 80 PVC	Borehole Diameter (in.): 10		Well Diameter (in.): 2.5
Screen Slot Size (in): 0.01	Well Depth (ft BGS): 210		First Water (ft BGS): 20 Static Water (ft BGS): 10.28 Date Measured: 10/12/2009
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount	



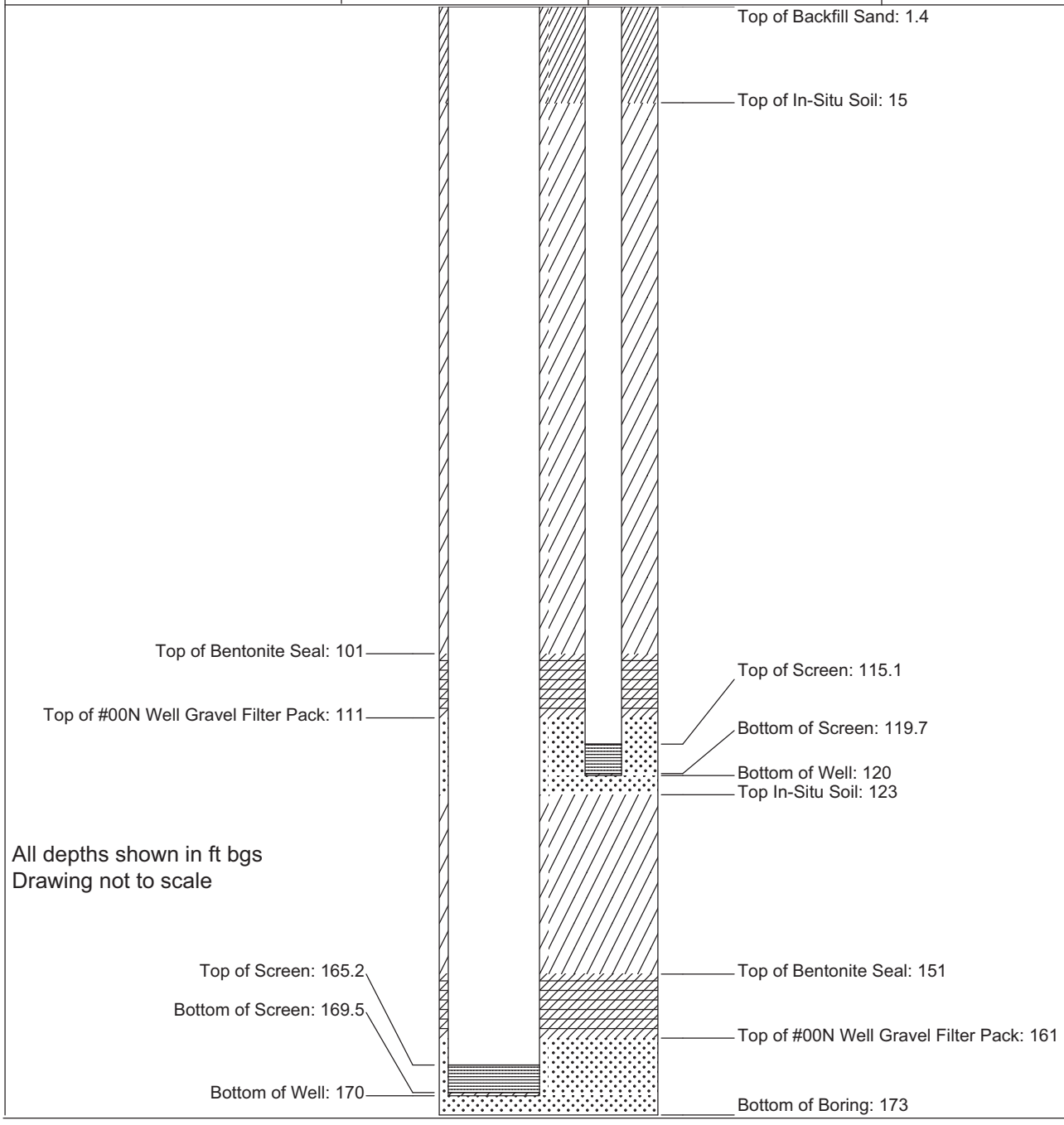
All depths shown in ft bgs
Drawing not to scale

Legend: In-Situ Soil | Filter Pack | Bentonite Seal | Backfill Sand

WELL CONSTRUCTION DIAGRAM

LOCATION: 03MW1059BC CS-10 SPEIM

Project Name: CS-10 SPEIM			Location: Across from 561 Currier Rd.	
Project Number: 389849	Northing B: 231815.49 C: 231815.30	Easting B: 862236.13 C: 862236.23	GS Elev: 56.14	
Drilling Contractor: Frontz Drilling/Dragin Drilling	MP Elevation (ft MSL) B: 55.45 C: 55.68		Measuring Point: TOC	
Drilling Equipment: Rig #534	Date Started: 10/07/2009		Date Finished: 10/27/2009	
Drilling Method: Sonication	Sampling Method: Core barrel/sub pump		Total Depth Drilled (ft BGS): 173	
Const. Materials: Sch 80 PVC and Sch 40 PVC	Borehole Diameter (in.): 6		Well Diameter (in.): 2.5 and 1	
Screen Slot Size (in) B: 0.01 C: 0.01	Well Depth (ft BGS) B: 170 C: 120		First Water (ft BGS): 20 Static Water (ft BGS): 10.28 Date Measured: 10/12/2009	
Logged By: J. Thies	Reviewed By: CH2M HILL	Completion: Flush mount		



Legend: In-Situ Soil | Filter Pack | Bentonite Seal | Backfill Sand

ATTACHMENT D

Southern Trench Area TCE Transport Simulation Animations

(Available Upon Request)

CH2MHILL	PROJECT NOTE	TASK ORDER 0300
		PROJECT NO. 420005
AFCEE **SPEIM/LTM/O&M** **Otis ANG Base, Massachusetts** **AFCEE FA8903-08-D-8769-0300**	**DOCUMENT CONTROL NUMBER:** **420005-SPEIM-CS10-PRJNOT-004** **CDRL B008**	PAGE 1 OF 6

Confirmation Of:	Date Held: 27 April 2012
☒ Meeting	Location: IRP Conference Room
☐ Change Notice	Date Issued: 27 July 2012
☐ General Project Note	Recorded By: Mary O'Reilly
Subject: **CS-10 2011 ANNUAL SPEIM/LTM DATA PRESENTATION (JULY 2011 THROUGH JANUARY 2012)**	Issued By: Nigel Tindall CH2M HILL TECHNICAL SERVICES GROUP MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** This project note summarizes the Chemical Spill-10 (CS-10) 2011 Annual Data Presentation which included data collected for the CS-10 System Performance and Ecological Impact Monitoring (SPEIM) program and the CS-10 Long Term Monitoring (LTM) program between July 2011 and January 2012. The data presented included results from the following: • Annual groundwater sampling event (November 2011 to January 2012); • Semiannual extraction well sampling events (August 2011 and December 2011); • Flow testing at 00EW0001 and 03EW2110 (ongoing); • Johns Pond/Ashumet Pond surface water sampling (July 2011); • One in-situ chemical oxidation (ISCO) sampling event (July 2011); and • CS-10 data gap investigation (ongoing). These data were presented during the 26 April 2012 Technical Update meeting (Attachment A).
2.0	**BACKGROUND** The contaminants of concern (COCs) for the CS-10 plume are trichloroethene (TCE) and tetrachloroethene (PCE). Three treatment systems were designed to remediate the CS-10 plume: (1) the CS-10 Sandwich Road extraction, treatment, and reinjection (ETR) system which includes the southern trench extraction well; (2) the CS-10 In-Plume extraction, treatment, and infiltration system; and (3) the Northern Lobe (i.e., the northernmost leading edge lobe) extraction well.

Distribution: AFCEE: Rose Forbes, Jon Davis, Bob Power, Admin. Record; EPA: Bob Lim; MassDEP: Len Pinaud, Elliott Jacobs; CH2M HILL: Pat de Groot, Nigel Tindall, Mary O'Reilly, Doc. Control

ITEM	REMARKS
	Analytical data for the CS-10 plume have been collected through the SPEIM program since 1999 when the first remedial system went on-line. The SPEIM program was developed to monitor plume changes and to ensure the effective operation of the groundwater remediation systems and identify potential optimization opportunities; monitoring networks are also evaluated and optimized through the SPEIM program. Monitoring for the two CS-10 leading edge lobes that do not have active remediation (North Central Lobe and Southern Lobe) and monitoring on the eastern side of Johns Pond is completed under the CS-10 LTM program. The current approved CS-10 SPEIM/LTM network, including the analytical scope and methods, is presented in the *Comprehensive Long Term Monitoring Plan (CLTMP)*, which is available from the Air Force Center for Engineering and the Environment (AFCEE). During this reporting period sampling activities also included flow testing of extraction wells 03EW2110 and 00EW0001 to evaluate potential optimized operating conditions; rotosonic and direct push drilling for an ongoing data gap investigation that will provide information needed to optimize the CS-10 In-Plume and Sandwich Road remedial systems and to update the CS-10 conceptual site model, and supplemental ISCO pilot test sampling to further evaluate impacts from the November 2007 injection.
3.0	**RESULTS** Analytical results for TCE and PCE and general concentration trends were presented for selected sampling locations in the CS-10 In-Plume (IP), Southern Trench, Sandwich Road, Northern Lobe, and other leading edge areas. An overview of remedial system operations during the reporting period was presented by providing extraction well and treatment plant influent concentrations, TCE and PCE mass removal calculations, average extraction well flow rates, number of carbon exchanges, and electrical usage with estimates of associated air emissions. Results from the ongoing data gap investigation (consisting of direct push and rotosonic drilling), optimization flow testing results at 00EW0001 and 03EW2110, and ISCO pilot test sampling results were also presented (Attachment A). Note that all the analytical data collected in 2011 for the CS-10 SPEIM and LTM programs were included in the *Chemical Spill-10 2011 Summary Letter Report* (AFCEE 2012), and all the analytical data collected in 2012 will be included in the *Chemical Spill-10 2012 Summary Letter Report*, which is scheduled for submittal in March 2013.
4.0	**CONCLUSIONS** **CS-10 In-Plume** • TCE has not been detected above the reporting limit of 1 microgram per liter (µg/L) in any monitoring well located between the source area and the northernmost extent (trailing edge) of the CS-10 plume boundary since 2004. During the data gap investigation Maximum Contaminant Level (MCL) exceedances of TCE were observed in groundwater vertical profiling results from two borings (12.1 µg/L at 03DP1066 and 25 µg/L at sonic boring 03MW1064A) and in a groundwater sample collected from one newly installed monitoring well (49 µg/L at 03MW1064B) located along the trailing edge of the CS-10 plume. PCE concentrations in monitoring wells located between the source area and the trailing edge of the CS-10 plume have decreased below the MCL.

ITEM	REMARKS
	• The maximum TCE concentrations in the CS-10 plume are located upgradient of CS-10 IP extraction well 03EW2102 where TCE concentrations exceeding 1,000 µg/L were detected in four newly installed wells: 03MW1060B (1,300 µg/L), 03MW1069B (3,010 µg/L), 03MW1079A (1,140 µg/L), and 03MW1079B (1,920 µg/L). Several distinct high concentration lobes up to 150 feet (ft) thick were defined in this area and a maximum TCE concentration of 3,880 µg/L was detected in a vertical profiling sample collected from sonic boring 03MW1069A. These data provide justification for the high TCE influent concentrations consistently detected at 03EW2102 (77.4 µg/L in 2011). • High TCE concentration areas upgradient of extraction wells 03EW2104, 03EW2105, and 03EW2110 have also been identified during the data gap investigation. Maximum TCE concentrations of 312 µg/L, 803 µg/L, and 172 µg/L were detected upgradient of 03EW2104, 03EW2105, and 03EW2110, respectively. • Extraction well 03EW2106 was taken out of operation on 24 February 2010 (AFCEE 2010). The TCE concentrations at 03EW2106 and in the area of 03EW2106 continue to support the shutdown of this well; any remaining contamination in this area is located within the capture zones of 03EW2103 or 03EW2105. • TCE influent concentrations exceeded the MCL at 03EW2107 (6.3 µg/L) for the first time since 2003. Based on modeling results high TCE concentrations (up to 240 µg/L) detected in the vicinity of 03EW2107 are likely outside the current capture zone for this well. • The maximum TCE concentration detected upgradient of 03EW2103 was 60.8 µg/L in newly installed well 03MW1074B and concentrations in historical wells have generally decreased. • MCL exceedances of TCE have also been detected outside the current CS-10 plume boundary, the maximum concentration was detected at 03MW2116A (792 µg/L) which is located east of the current plume boundary. • The draft 2012 TCE plume shell, which includes all the data gap investigation results, has approximately 103 percent more mass and 29 percent more volume than the previous (January 2008) TCE plume shell, and the maximum TCE concentration increased from 450 to 3,880 µg/L. • The draft 2012 PCE plume shell, which includes all the data gap investigation results, has approximately 21 percent less mass and 15 percent more volume than the previous 2007 PCE plume shell and the maximum PCE concentration decreased from 119 to 60.8 µg/L. • Based on the draft revised 2012 TCE plume shell and draft 2012 groundwater flow model, the CS-10 IP system is still meeting remedial action objectives and contamination located to the east of the current plume boundary is located within the Sandwich Road capture zone. • The CS-10 IP system removed approximately 225 pounds (lbs) of TCE and 15 lbs of PCE in 2011, and 4,067 lbs of TCE and 507 lbs of PCE since system startup in 1999.

ITEM	REMARKS

ISCO Pilot Test

- An ISCO injection (sodium permanganate) was completed in November 2007 in an area located north and hydraulically upgradient of extraction well 03EW2109 as part of a pilot test. The presence of sodium permanganate was still observed at two pilot test monitoring locations (03MW1024D and 03MW1036A) in June 2010; over 2.5 years after the injection. Elevated manganese and hexavalent chromium concentrations are still detected at several pilot test monitoring locations. TCE concentrations in some wells located within the pilot test site have decreased since the ISCO injection in November 2007, and TCE concentrations in two downgradient wells have also decreased. TCE concentrations in a few pilot test wells have returned to pre-injection (i.e., baseline) concentrations, which is consistent with high TCE concentrations detected upgradient of the ISCO pilot test site migrating back into the area. TCE contamination detected at the ISCO pilot test site is located within the capture zone for 03EW2109.

CS-10 Southern Trench

- TCE concentrations in monitoring wells located between 03EW2111 and the base boundary have generally decreased, and based on observed increases in TCE concentrations in monitoring wells located south of the base boundary, contamination appears to have migrated downgradient of the base boundary toward 03EW2112.
- Extraction well 03EW2112 has been operating at an optimized scenario (flow rate of 100 gallons per minute [gpm] with a packered configuration) since January 2011 and TCE influent concentrations increased from 1 to 2 µg/L in 2011.

CS-10 Sandwich Road

- TCE influent concentrations exceeded the MCL in three Sandwich Road system extraction wells: 03EW2173, 03EW2174, and 03EW2177.
- Two off-line extraction wells (03EW2176 and 03EW2177) were turned back on in 2011 after TCE MCL exceedances were observed in 03EW2177 (during sampling of offline well). A data gap investigation is ongoing to determine the extent of contamination in this area and 03EW2176 and 03EW2177 have been turned back on and are operating at the interim flow rates of 75 and 50 gpm, respectively, to improve the hydraulic capture of the Sandwich Road ETR system. Once the uncertainty of the extent of contamination in this area has been addressed, optimization of the Sandwich Road system will be completed using the revised 2012 TCE plume shell and the recalibrated 2012 groundwater flow model.
- TCE concentrations exceeded the MCL in two monitoring wells located downgradient of 03EW2177. TCE concentrations at 03MW2412A increased from 41.2 to 59 µg/L and TCE concentrations decreased from 6.6 to below the MCL (4.1 µg/L) at 03MW2412B. PCE was also detected at concentrations above the MCL in one monitoring well, 03MW2412A (5.5 µg/L).

ITEM	REMARKS
	• TCE concentrations in trailing edge well 03MP0091A decreased below the MCL for the first time since sampling began in 1998. TCE was detected at a concentration of 2.8 µg/L in January 2011 and concentrations continued to decrease to 1.1 µg/L in December 2011. A historical maximum TCE concentration of 1,500 µg/L was observed at this well in 2001. • The CS-10 Sandwich Road ETR system removed approximately 14.6 lbs of TCE and 0.7 lbs of PCE in 2011, and 1,049 lbs of TCE and PCE since system startup in 1999. **CS-10 Leading Edge** • TCE influent concentrations at the Northern Lobe extraction well (00EW0001) are consistent with TCE concentrations in upgradient wells. Based on monitoring results and modeling predictions the extraction well is containing the plume and operating as designed. Flow testing at 00EW0001 was completed to determine if the flow rate could be optimized to improve performance; the well will continue operating at 225 gpm until influent concentrations significantly decrease. The Northern Lobe extraction well (00EW0001) removed approximately 51.9 lbs of TCE and 0.5 lbs of PCE in 2011 and has removed 347.7 lbs of TCE and PCE since system startup in 2000. • Concentrations in the North Central Lobe and Southern Lobe are generally consistent with previous results and with the conceptual site model for these two lobes. • Analytical results collected on the east side of Johns Pond are consistent with the conceptual site model and indicate that the Mashpee Village Public Water Supply well and sentry wells are not impacted by the CS-10 plume. TCE concentrations at one well located on the east side of Johns Pond (00MW0584A), where low-level MCL exceedances (5.1 to 5.8 µg/L) were observed between 2003 and 2004, increased above the MCL to 6.2 µg/L in March 2011. TCE concentrations at this well decreased below the MCL to 1.3 µg/L in November 2011. This monitoring well is screened deep in the aquifer (-238 to -243 ft mean sea level), just above bedrock; contamination at this location will not have an impact on the Mashpee Water Supply well (AFCEE 2005). TCE concentrations at other monitoring wells in this area were consistent with previous sampling events.
5.0	**RECOMMENDATIONS/PATH FORWARD** • MCL exceedances of TCE and PCE have been detected outside the current CS-10 plume boundary. The revised CS-10 plume boundary will be presented with the 2012 TCE and PCE plume shells in the data gap investigation technical memorandum, currently scheduled for submittal in July 2012. • After the completion of the data gap investigation, the updated 2012 CS-10 groundwater flow model and 2012 TCE plume shell should be used to evaluate optimized operating scenarios for the CS-10 IP and the CS-10 Sandwich Road remedial systems. • Perform CS-10 SPEIM monitoring network optimization, evaluating frequency for existing and newly installed monitoring wells, and determining if permanent monitoring locations are needed at selected direct push boring locations.

ITEM	REMARKS
	• Continue operating the Northern Lobe extraction well (00EW0001) at the increased flow rate of 225 gpm until influent concentrations significantly decrease. • Continue monitoring in the ISCO pilot test area to further evaluate trends in TCE, manganese, and hexavalent chromium concentrations.
6.0	**COMMENTS/ACTION ITEMS** A follow-up with the regulatory agencies was conducted during the 20 June 2012 Technical Update meeting. No additional comments regarding the results, conclusions, and recommendations presented during the 2011 annual data presentation were received or action items identified.
7.0	**REFERENCES** AFCEE (U.S. Air Force Center for Engineering and the Environment). 2012 (March). *Chemical Spill-10 2011 Summary Letter Report*. 420005-SPEIM-CS10-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2010 (March). Project Note: *CS-10 Extraction Well 03EW2106 Interim Shut Down*. 389849-SPEIM-CS10-PRJNOT-003. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2005 (October). *Final Chemical Spill-10 Leading Edge Technical Memorandum*. 324146-SPEIM-CS10-TECHMEM-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

Attachment:
Attachment A. CS-10 SPEIM/LTM 2011 Annual Data Presentation, 26 April 2012 Technical Update Meeting

ATTACHMENT A

CS-10 SPEIM/LTM 2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

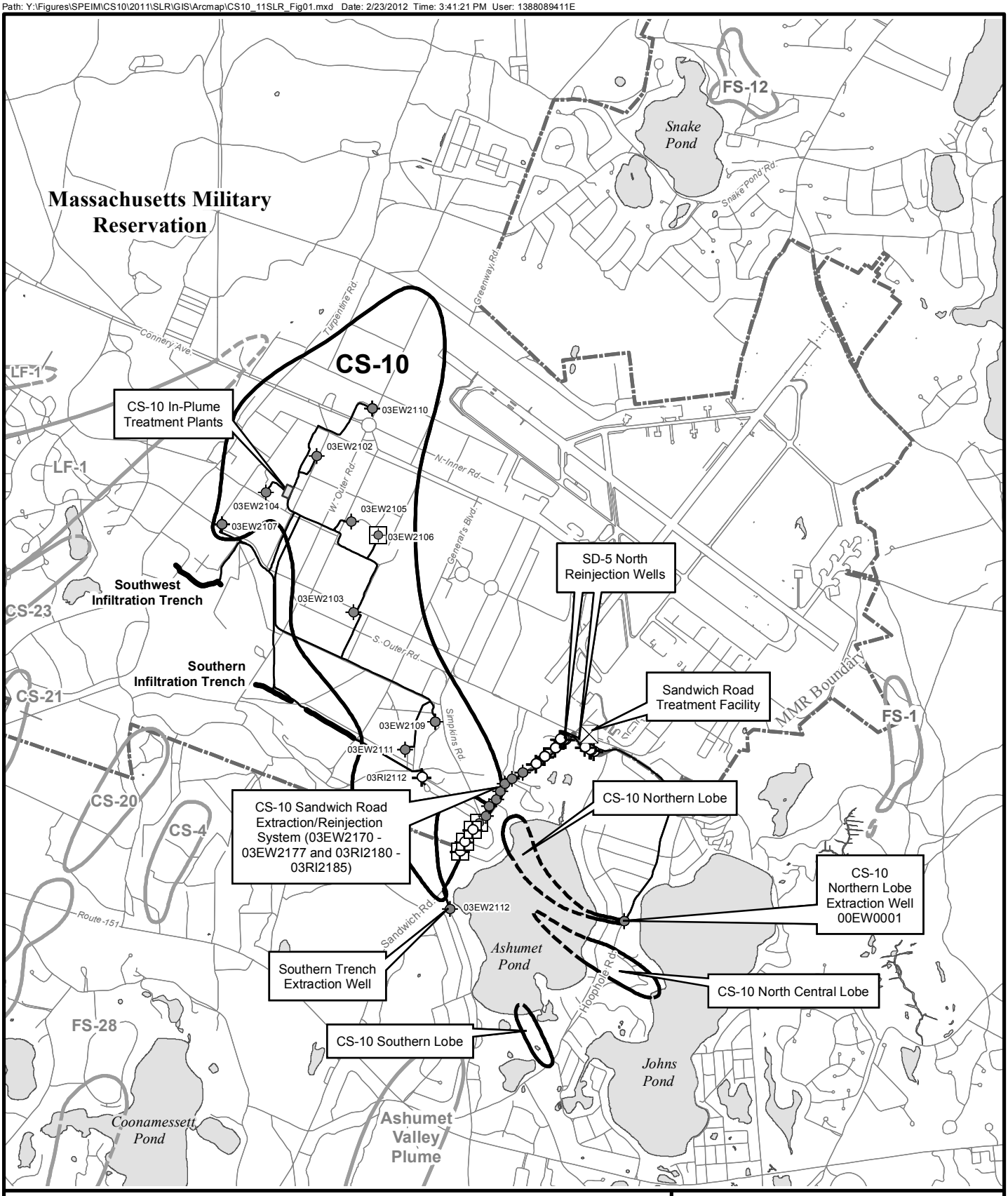
Sampling Dates: July 2011 through January 2012

Sampling Events:

- Annual sampling event (November 2011 to January 2012)
- Semiannual extraction well sampling (August 2011 and December 2011)
- Flow testing at 00EW0001 and 03EW2110 (ongoing)
- Johns Pond/Ashumet Pond surface water sampling (July 2011)
- One ISCO sampling event (July 2011)
- Data gap investigation (ongoing)

Deviations:

- Southern Trench extraction well 03EW2112 was not sampled in December 2011.



Legend

- CS-10 Plume Boundary (Dashed Where Inferred)
- Other Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary
- Treatment System Piping
- Infiltration Trench
- Extraction Well (On)
- Extraction Well (Off)
- Reinjection Well (On)
- Reinjection Well (Off)
- Treatment Facility

Data Source: AFCEE, March 2012, MMR-AFCEE Warehouse

N

0 1,600 3,200 Feet

FIGURE 1

CS-10 GROUNDWATER PLUME AND TREATMENT SYSTEMS

AFCEE - Massachusetts Military Reservation

CS-10 2011 Summary Letter Report

CH2MHILL

CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 In-Plume Results:

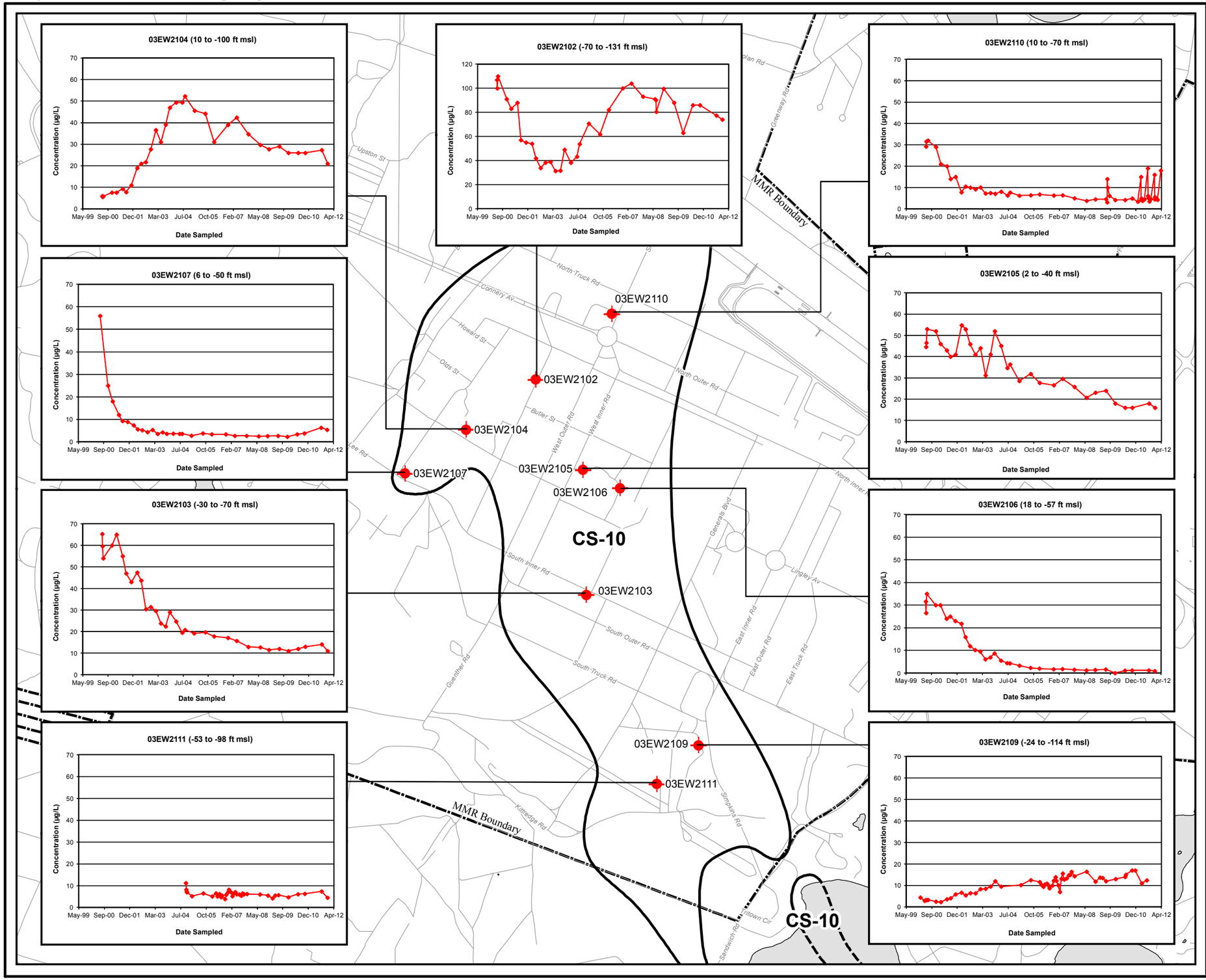
Extraction Wells

- TCE influent concentrations exceeded the MCL in all eight operating In-Plume (IP) extraction wells; maximum TCE influent concentration of 77.4 µg/L was detected at 03EW2102 (design flow rate of 460 gpm).
- TCE concentrations were relatively consistent with previous sampling event; an increasing trend was observed at 03EW2107 where TCE concentrations increased above the MCL (from 3.8 to 6.3 µg/L).
- 03EW2106 was taken out of operation in February 2010; TCE concentrations were below the MCL at 1.1 µg/L and BRL in 2011.
- PCE was detected above the RL in three IP extraction wells: 03EW2103 (2.3 and 2.1 µg/L), 03EW2105 (4.8 and 4.6 µg/L), and 03EW2110 (1.5 to 2.8 µg/L).
- In-Plume extraction wells operated between 87 and 93 percent of their design flow rates in 2011.

CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 In-Plume
Extraction/Reinjection Well Flow Rates

CS-10 IP	03EW2102	03EW2103	03EW2104	03EW2105	03EW2106	03EW2107	03EW2109	03EW2110	03EW2111	03RI2112
Average Daily Flow	425	280	212	409	0	44	117	123	369	342
Design Flow	460	300	230	450	0	50	125	250	425	380
% of Design Flow	92	93	92	91	N/A	88	93	49	87	90



Legend

- Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE

N

0 850 1,700 Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

CS-10 IN-PLUME TCE CONCENTRATION TRENDS

AFCEE - Massachusetts Military Reservation

26 April 2012 Technical Update Meeting

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CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 In-Plume Results:

Plant (2011)

– TCE influent concentrations at the CS-10 IP plants ranged from

10.0 to 12.0 µg/L in Plant A	36.0 to 60.9 µg/L in Plant B
10.0 to 12.0 µg/L in Plant C	32.0 to 41.9 µg/L in Plant D

- PCE influent concentrations did not exceed the MCL in any of the CS-10 IP plants (ranged from BRL to 2.8 µg/L).

– CS-10 IP system removed 225 lbs of TCE and 15 lbs of PCE in 2011. A total mass of approximately 4,700 lbs of TCE and PCE has been removed since system startup.

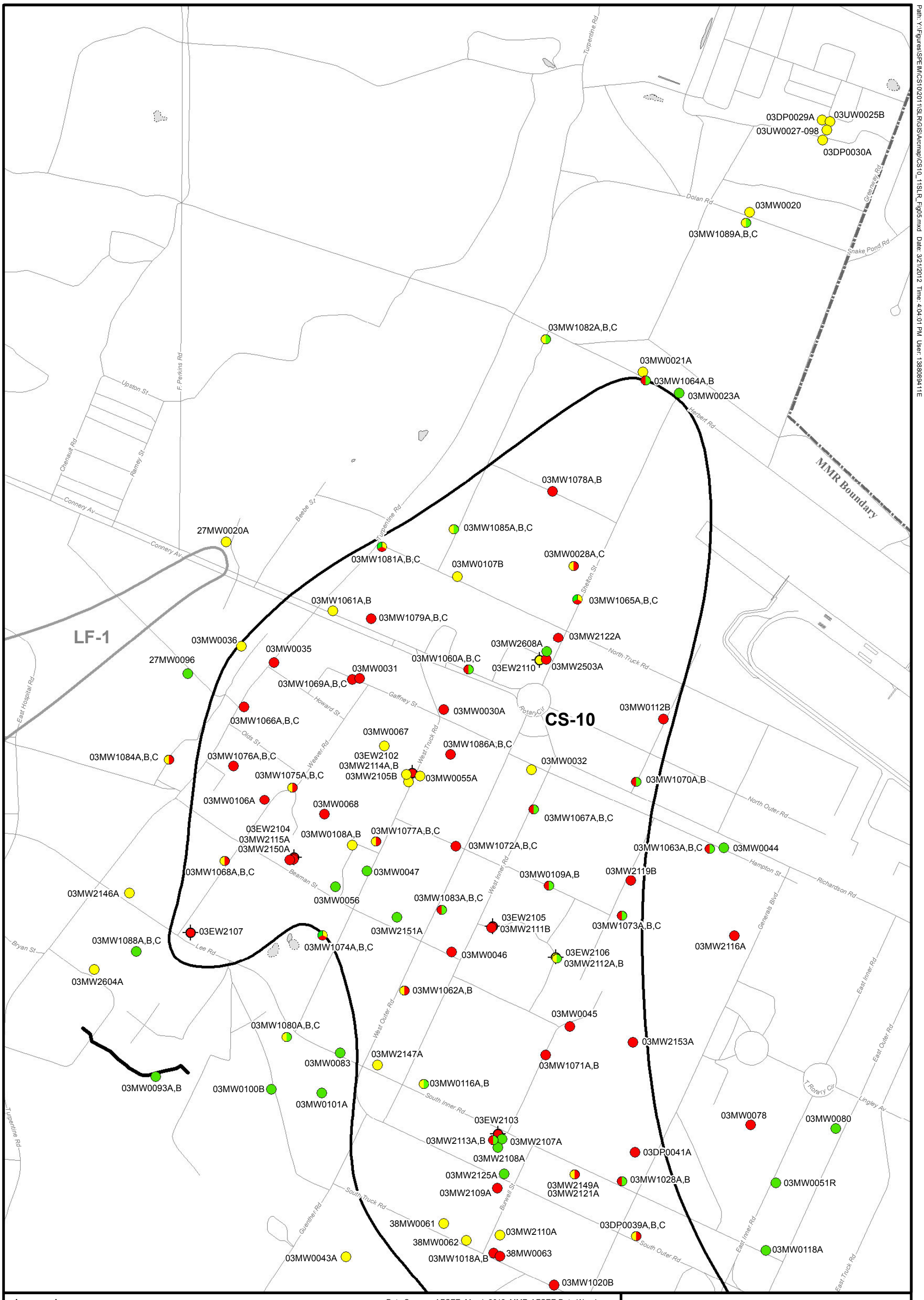
– Approximately 1,035 million gallons of groundwater were treated by the CS-10 IP system and 18 carbon exchanges were completed in 2011.

CS-10 In-Plume Remedial System Electrical Consumption and Associated Air Emissions
26 April 2012 Technical Update Meeting

		1/1/2011 to 12/31/2011	System Startup (6/1999) to 12/31/2011
Volume of Groundwater Treated (million gallons)		**1,035**	**15,706**
Groundwater COC Mass Removal (pounds)		**241**	**4,689**
Electrical Usage (MWh)		**2,850**	**39,043**
Estimated Air Emissions[1] (based on electrical usage)	**CO_2 (tons)**	1,867	30,488
	NOx (lbs)	4,019	48,997
	PM-10 (lbs)	230	1,831
	SO_2 (lbs)	10,716	59,732
	VOCs (lbs)	141	2,166
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	**CO_2 (tons)**	0	0
	NOx (lbs)	0	0
	PM-10 (lbs)	0	0
	SO_2 (lbs)	0	0
	VOCs (lbs)	0	0
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	**CO_2 (tons)**	880	1213
	NOx (lbs)	1894	2612
	PM-10 (lbs)	108	149
	SO_2 (lbs)	5051	6965
	VOCs (lbs)	66	91
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	**CO_2 (tons)**	**987**	**29,275**
	NOx (lbs)	**2,124**	**46,385**
	PM-10 (lbs)	**122**	**1,681**
	SO_2 (lbs)	**5,665**	**52,767**
	VOCs (lbs)	**74**	**2,075**

Notes:
1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (http://www.abraxasenergy.com/metrix4.php) and emission factors obtained from the following websites:
http://www.csgnetwork.com/elecpowerpolcalc.html
http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf
2) Option to purchase electricity from renewable sources is not available for CS-10 In Plume accounts.
3) Emissions offset by operation of AFCEE-owned wind turbines beginning on 12/2/2009 (Wind I) and 11/1/2011 (Wind II).

Key:
COC = contaminant of concern
CO_2 = carbon dioxide
CS-10 = Chemical Spill-10
lbs = pounds
MMR = Massachusetts Military Reservation
MWh = megawatt hours
NO_x = nitrogen oxides
PM-10 = particulate matter with a diameter of 10 micrometers or less
SO_2 = sulfur dioxide
VOCs = volatile organic compounds


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03DP0029A
03UW0025B
03UW0027-098
03DP0030A
03MW0020
03MW1089A,B,C
03MW1082A,B,C
03MW0021A
03MW1064A,B
03MW0023A
03MW1078A,B
03MW1085A,B,C
27MW0020A
03MW1081A,B,C
03MW0107B
03MW0028A,C
03MW1065A,B,C
03MW1061A,B
03MW1079A,B,C
03MW2122A
03MW2608A
03EW2110
03MW2503A
03MW1060A,B,C
03MW0036
03MW0035
27MW0096
03MW0031
03MW1069A,B,C
03MW0030A
03MW0112B
CS-10
03MW1066A,B,C
03MW0067
03EW2102
03MW2114A,B
03MW2105B
03MW0055A
03MW1086A,B,C
03MW1084A,B,C
03MW1076A,B,C
03MW1075A,B,C
03MW0032
03MW1070A,B
03MW0106A
03MW0068
03MW1067A,B,C
03EW2104
03MW2115A
03MW2150A
03MW0108A,B
03MW1077A,B,C
03MW1072A,B,C
03MW1063A,B,C
03MW0044
03MW1068A,B,C
03MW0047
03MW0109A,B
03MW2119B
03MW2146A
03MW0056
03MW1083A,B,C
03EW2105
03MW2111B
03MW1073A,B,C
03MW2116A
03EW2107
03MW1088A,B,C
03MW1074A,B,C
03MW0046
03EW2106
03MW2112A,B
03MW2604A
03MW1062A,B
03MW0045
03MW2153A
03MW1080A,B,C
03MW0083
03MW2147A
03MW1071A,B
03MW0093A,B
03MW0100B
03MW0101A
03MW0116A,B
03EW2103
03MW2113A,B
03MW2107A
03MW2108A
03MW0078
03MW0080
03DP0041A
03MW2125A
03MW2109A
03MW2149A
03MW2121A
03MW1028A,B
03MW0051R
38MW0061
03MW2110A
03DP0039A,B,C
38MW0062
38MW0063
03MW1018A,B
03MW0118A
03MW0043A
03MW1020B
LF-1
MMR Boundary
Tupentine Rd
Connery Av
Chenault Rd
Ramey St
Beebe St
F. Perkins Rd
Upston St
East Hospital Rd
Howard St
Gaffney St
Olds St
Weaver Rd
West Truck Rd
Rotary Cir
Greenway Rd
Snake Pond Rd
Herbert Rd
Shelton St
North Truck Rd
North Outer Rd
Hampton St
Richardson Rd
Generals Blvd
Beaman St
West Inner Rd
Lee Rd
Bryan St
West Outer Rd
South Inner Rd
Burwell St
South Truck Rd
Guenther Rd
South Outer Rd
East Inner Rd
East Outer Rd
T Rotary Cir
Lingley Av
East Truck Rd
Legend
CS-10 Plume Boundary
Infiltration Trench
Other Plume Boundary (Dashed Where Inferred)
Massachusetts Military Reservation Boundary
Extraction Well
Contaminant Detections in Groundwater
No Detection
Detection Below or At MCL
Detection Above MCL
Data Source: AFCEE, March 2012, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011
N
0
500
1,000
Feet
FIGURE 5
CS-10 IN-PLUME AREA
2011 COC DETECTIONS
IN GROUNDWATER
AFCEE - Massachusetts Military Reservation
CS-10 2011 Summary Letter Report
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CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 In-Plume Results:

Source Area

- PCE was detected in six wells at concentrations ranging from 1 µg/L to 4.7 µg/L.
- PCE concentrations decreased below the MCL at 03MW0020 (12 to 1.2 µg/L) and at newly installed well 03MW1089B (12.3 to 4.7 µg/L).
- TCE has not been detected above the reporting limit of 1 µg/L in any source area or trailing edge well since 2004.
- MCL exceedances of TCE were observed in groundwater screening results collected near the trailing edge at 03DP1066 (12.1 µg/L at -55.5 ft msl in Feb 2009) and 03MW1064A (5.6 and 25 µg/L at -50.5 and -60.5 ft msl, respectively, in Feb 2010).
- During the baseline sampling event in 2011, TCE concentrations at newly installed well 03MW1064B, located near the trailing edge, increased from 25 to 49 µg/L.

CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 In-Plume Results:

- Maximum TCE concentrations are detected upgradient of 03EW2102 where TCE concentrations exceeding 1,000 µg/L were detected in four newly installed wells: 03MW1060B (1,300 µg/L), 03MW1069B (3,010 µg/L), 03MW1079A (1,140 µg/L), and 03MW1079B (1,920 µg/L). Several distinct high concentration lobes up to 150 feet thick were defined in this area.
- MCL exceedances of TCE have also been detected outside the current plume boundary, the maximum concentration was detected at 03MW2116A (792 µg/L).
- 03EW2104 - Maximum TCE concentrations were observed at newly installed wells: 03MW1066C (79.8 µg/L), 03MW1075B (312 µg/L), and 03MW1076B (93.6 µg/L). Contamination was up to 120 feet thick and extended to bedrock in several borings in this area.
- 03EW2105 – Maximum TCE concentration of 803 µg/L was detected in direct push boring 03DP1110 (-24.5 ft msl). A monitoring well will be installed at this location. Elevated concentrations were also detected in newly installed wells 03MW1072B (673 µg/L) and 03MW1083C (527 µg/L).

CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2011 Technical Update Meeting

CS-10 In-Plume Results:

- TCE concentrations at off-line well 03EW2106 were 1.2 µg/L and BRL. TCE concentrations in monitoring wells 03MW2112A and 03MW2112B, located adjacent to 03EW2106, were ND and 2.3 µg/L, respectively.
- TCE influent concentrations exceeded the MCL at 03EW2107 (6.3 µg/L) for the first time since 2003. The highest TCE concentration detected upgradient of 03EW2107 was 41 µg/L at newly installed well 03MW1084B but higher concentrations (240 µg/L) were detected in the area in 2009 at direct push boring 03DP1072.

CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2011 Technical Update Meeting

CS-10 In-Plume Results:

- 03EW2110 - Maximum TCE concentrations were observed at newly installed wells: 03MW1065B (172 µg/L) and 03MW1078B (97.6 µg/L). A cyclic pumping test is ongoing at 03EW2110 and influent concentrations have ranged from 3.4 to 19 µg/L in 2011.
- 03EW2103 - Maximum TCE concentration was observed at newly installed well: 03MW1074B (60.8 µg/L). Concentrations upgradient of 03EW2103 have generally decreased (e.g., 03MW2108A from 72 µg/L in 2006 to ND in 2011).
- Maximum difference between vertical profiling results and baseline sampling of newly installed monitoring wells was observed at 03MW1086A where TCE concentrations increased from BRL (-92.5 ft msl) to 504 µg/L (-88.6 ft msl). A deep screen was installed at this boring as a sentry well based on elevation of upgradient contamination.

CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 In-Plume Results:

<u>03EW2109 and ISCO Pilot Test Site</u>

- Presence of permanganate was still observed at two locations (03MW1024D and 03MW1036A) through June 2010, over 2.5 years after the injection. Elevated manganese and hexavalent chromium concentrations are still detected at several pilot test monitoring locations.

- TCE concentrations in wells located at the ISCO site fluctuated since the ISCO injection in November 2007, concentrations decreased at: 03MW1024A (590 to 57 µg/L), 03MW1024D (450 to 244 µg/L), 03MW1024E (206 to 27 µg/L), and 03MW1036A (148 to 16 µg/L) and increased at: 03MW1024C (112 to 313 µg/L)

- High TCE concentrations continue to be detected upgradient of the ISCO site: 03IJW001A (535 µg/L) and 03DP0039C (111 µg/L).

- TCE concentrations in two wells located downgradient of the ISCO site and upgradient of 03EW2109 have had a decreasing trend since the ISCO injection in November 2007: 03DP0033A (229 to 42 µg/L) and 03MW2610A (204 to 76.7 µg/L).

CS-10 SPEIM/LTM
2011 Annual Data Presentation
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CS-10 In-Plume Results:

Draft 2012 CS-10 TCE Plume Shell Revision Summary

- Approximately 103% more mass and 29% more volume than the January 2008 plume shell.
- Maximum TCE concentration increase from 450 to 3,880 µg/L.
- New plume shell will extend 1,000 feet further east, 1,500 feet further north, 1,000 feet further west , and 1,000 feet further south (in the vicinity of 03EW2107).
- New plume shell will show separation immediately south of 03EW2111.
- Lower TCE concentrations north of 03EW2111 and 03EW2109.
- Higher TCE concentrations near 03EW2102, 03EW2104, and north of 03EW2103, 03EW2110.

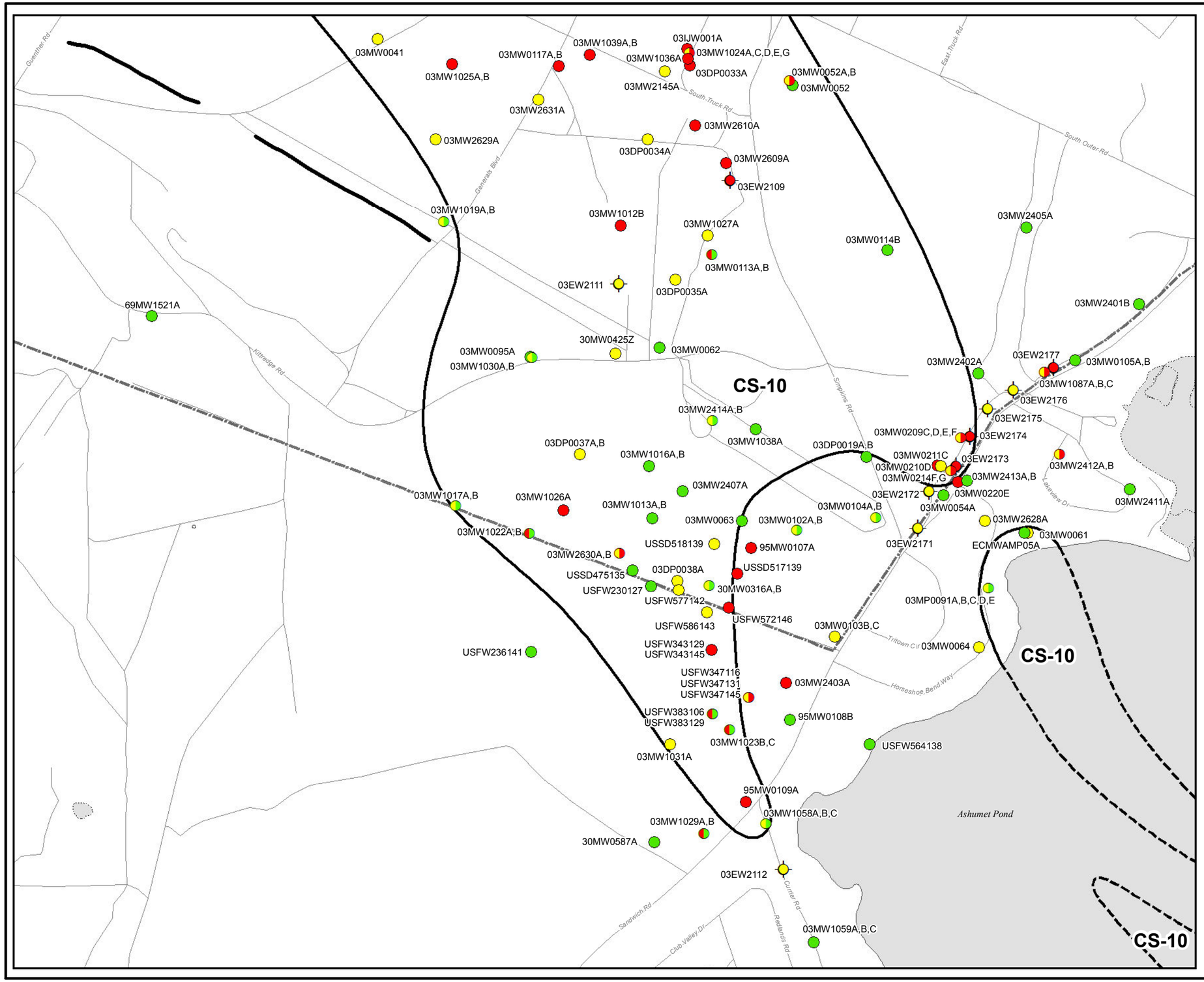
CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 In-Plume Results:

Draft 2012 CS-10 PCE Plume Shell Revision Summary

- Approximately 21% less mass and 15% more volume than the 2007 plume shell.
- Maximum PCE concentration decreased from 119 to 60.8 µg/L.
- Highest PCE concentrations are located in vicinity of extraction well 03EW2105, where the highest influent concentrations are detected.
- PCE mass reduction is a result of general decreases in PCE concentrations, most notable in the vicinity of 03EW2103 where PCE concentrations at 03MW0110B decreased from 119 µg/L in 2006 to 2.7 µg/L in 2011.
- Volume increase is related to increased thickness of PCE contamination in vicinity of 03EW2105 as a result of deeper sampling data points in this area.

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Legend

- Extraction Well
- Infiltration Trench
- CS-10 Plume Boundary (Dashed Where Inferred)
- Massachusetts Military Reservation Boundary

Contaminant Detections in Groundwater

- No Detection
- Detection Below or At MCL
- Detection Above MCL

N

0 300 600 Feet

Data Source: AFCEE, March 2012, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

FIGURE 6

CS-10 SOUTHERN TRENCH/ SANDWICH ROAD AREA 2011 COC DETECTIONS IN GROUNDWATER

AFCEE - Massachusetts Military Reservation

CS-10 2011 Summary Letter Report

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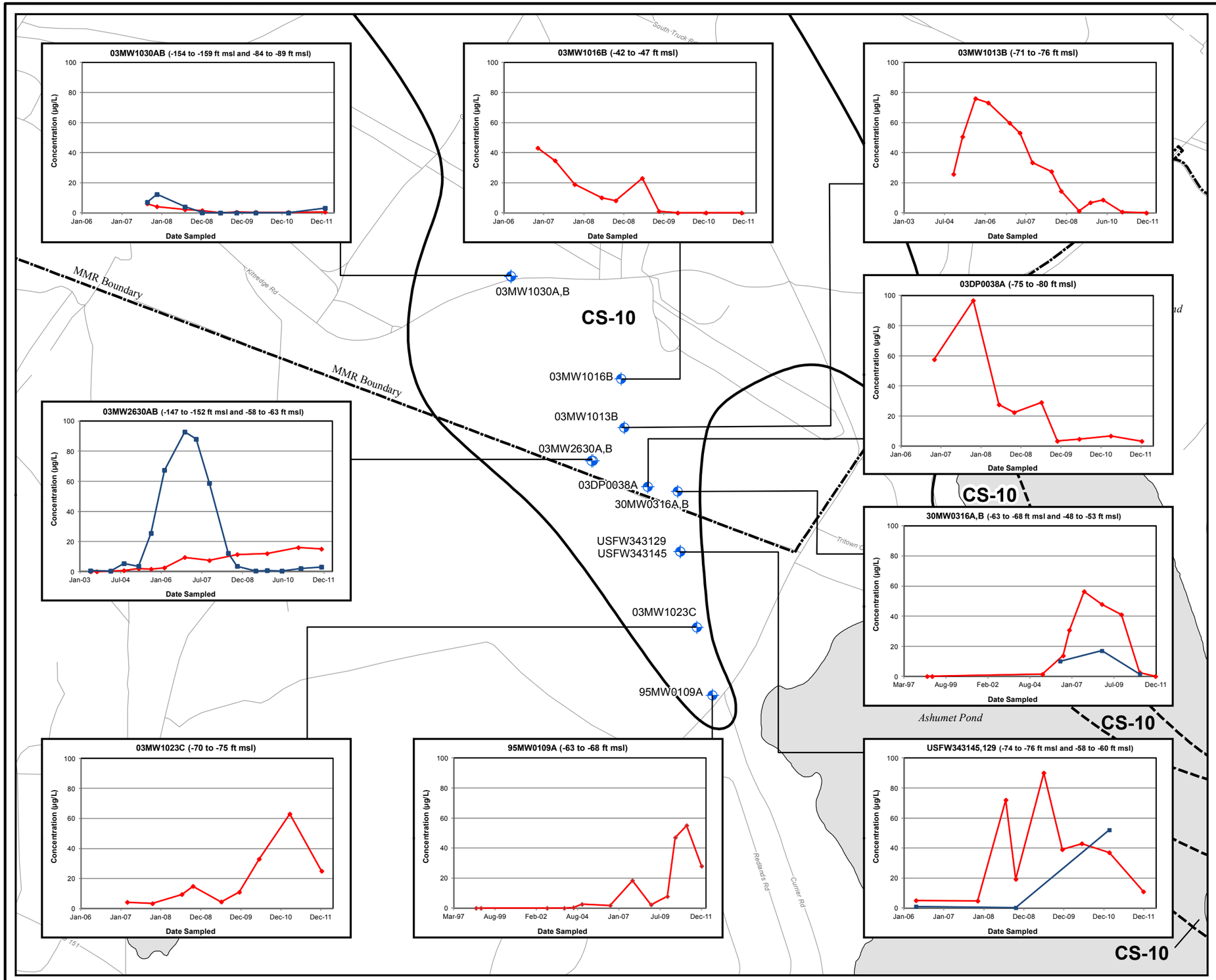
CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 Southern Trench Results:

- TCE concentrations between 03EW2111 and the base boundary continue to decrease, significant decreases were observed at 03MW1026A (from 50 to 8.3 µg/L), 30MW0316A (41 µg/L to ND), and 30MW0316B (17 to 1.5 µg/L).

- TCE concentrations downgradient of the base boundary have fluctuated in 2011 but generally increased. Notable increases in TCE concentrations: 03MW2403A (1.2 to 18 µg/L), USFW343129 (BRL to 52 µg/L), USFW347131 (2.3 to 39 µg/L), and USFW347145 (2.3 to 55 µg/L). Notable decreases in TCE concentrations: USFW343145 (43 to 11 µg/L) and USFW383129 (32 to 8.3 µg/L).

- 03EW2112 has been operating at 100 gpm with a packered configuration since January 2011; TCE influent concentrations increased from 1 to 2 µg/L in 2011.



Legend

- Monitoring Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE
- TCE for Shallow Well
  Where Two Trend Lines are Presented

N

0 350 700
Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

CS-10 SOUTHERN TRENCH TCE CONCENTRATION TRENDS

AFCEE - Massachusetts Military Reservation

26 April 2012 Technical Update Meeting

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CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2011 Technical Update Meeting

CS-10 Sandwich Road - Results:

Extraction Wells

- TCE influent concentrations exceeded the MCL in three extraction wells:

  03EW2173 (24.6 and 18 µg/L), 03EW2174 (7.5 and 5.3 µg/L), and 03EW2177 (3 to 6.9 µg/L).

- TCE concentrations were relatively consistent with 2010 results; an increase was observed at 03EW2172 (1.7 to 4.7 µg/L).

- PCE was not detected above the reporting limit in any extraction well.

- Sandwich Road extraction wells operated between 83 and 94 percent of their design flow rates in 2011.

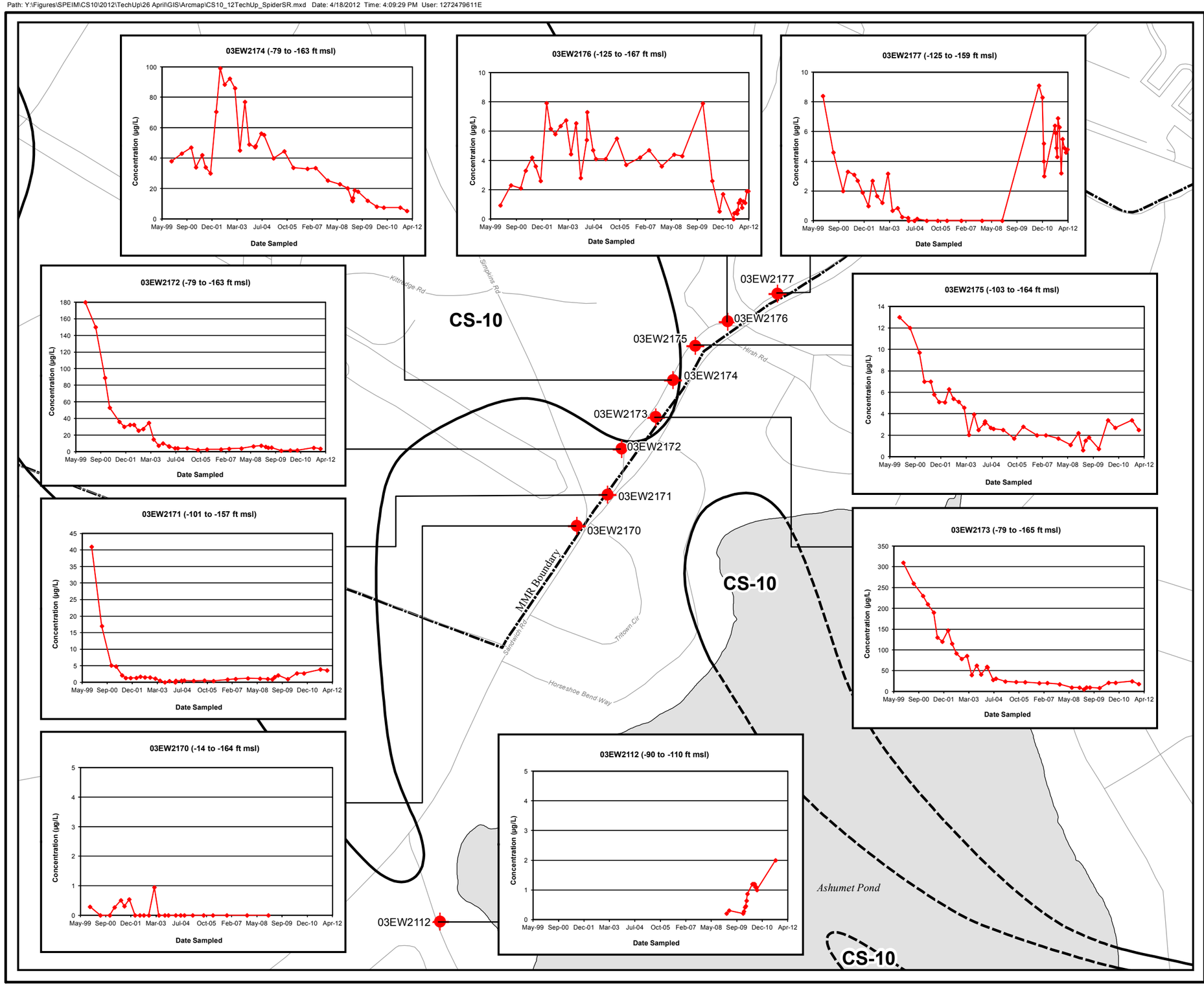
- Two off-line extraction wells (03EW2176 and 03EW2177) were turned back on line in 2011 after MCL exceedances were observed in 03EW2177. TCE influent concentrations ranged from ND to 1.3 µg/L at 03EW2176 and from 3 to 6.9 µg/L at 03EW2177.

CS-10 SPEIM/LTM
2011 Annual Data Presentation
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CS-10 Sandwich Road/Southern Trench
Extraction Well Flow Rates

Extraction Well	03EW2170	03EW2171	03EW2172	03EW2173	03EW2174	03EW2175	03EW2176	03EW2177	03EW2112
Average Daily Flow	0	62	69	93	93	56	71	42	93
Design Flow	0	75	75	100	100	60	75	50	100
% of Design Flow	NA	83	92	93	93	93	94	85	93

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Legend

- Extraction Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE

N

0 250 500 Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

CS-10 SANDWICH ROAD TCE CONCENTRATION TRENDS

AFCEE - Massachusetts Military Reservation

26 April 2012 Technical Update Meeting

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CS-10 SPEIM/LTM
2011 Annual Data Presentation
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CS-10 Sandwich Road - Results:

Plant (2011)

- TCE influent concentrations ranged between 5.6 µg/L and 7.1 µg/L.
- PCE influent concentrations were BRL.
- ETR system removed approximately 14.6 lbs of TCE and 0.7 lbs of PCE in 2011. A total mass of approximately 1,049 lbs of TCE and PCE has been removed since system startup.
- Approximately 287 million gallons of groundwater from the CS-10 Sandwich Road extraction wells were treated at the SRTF and five carbon exchanges were completed in 2011.

CS-10 Sandwich Road Treatment Facility Electrical Consumption and Associated Air Emissions
26 April 2012 Technical Update Meeting

		1/1/2011 to 12/31/2011	System Startup (5/1999) to 12/31/2011
Volume of Groundwater Treated (million gallons)		**400**	**5,987**
Groundwater COC Mass Removal (pounds)		**68**	**1,397**
Electrical Usage (MWh)		**1,492**	**30,760**
Estimated Air Emissions[1] (based on electrical usage)	**CO_2 (tons)**	977	25,104
	NOx (lbs)	2,104	44,390
	PM-10 (lbs)	120	1,638
	SO_2 (lbs)	5,610	52,595
	VOCs (lbs)	74	1,972
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	**CO_2 (tons)**	83	279
	NOx (lbs)	179	560
	PM-10 (lbs)	10	30
	SO_2 (lbs)	478	1,321
	VOCs (lbs)	6	21
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	**CO_2 (tons)**	461	621
	NOx (lbs)	992	1337
	PM-10 (lbs)	57	77
	SO_2 (lbs)	2,644	3566
	VOCs (lbs)	35	47
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	**CO_2 (tons)**	**433**	**24,204**
	NOx (lbs)	**933**	**42,493**
	PM-10 (lbs)	**53**	**1,532**
	SO_2 (lbs)	**2,488**	**47,708**
	VOCs (lbs)	**33**	**1,905**

Notes:
1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (http://www.abraxasenergy.com/metrix4.php) and emission factors obtained from the following websites:
http://www.csgnetwork.com/elecpowerpolcalc.html
http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf
2) Emissions offset by purchases of electricity from renewable sources beginning 7/1/2008.
3) Emissions offset by operation of AFCEE-owned wind turbines beginning on 12/2/2009 (Wind I) and 11/1/2011 (Wind II).

Key:
COC = contaminant of concern
CO_2 = carbon dioxide
CS-10 = Chemical Spill-10
lbs = pounds
MMR = Massachusetts Military Reservation
MWh = megawatt hours
NO_x = nitrogen oxides
PM-10 = particulate matter with a diameter of 10 micrometers or less
SO_2 = sulfur dioxide
VOCs = volatile organic compounds

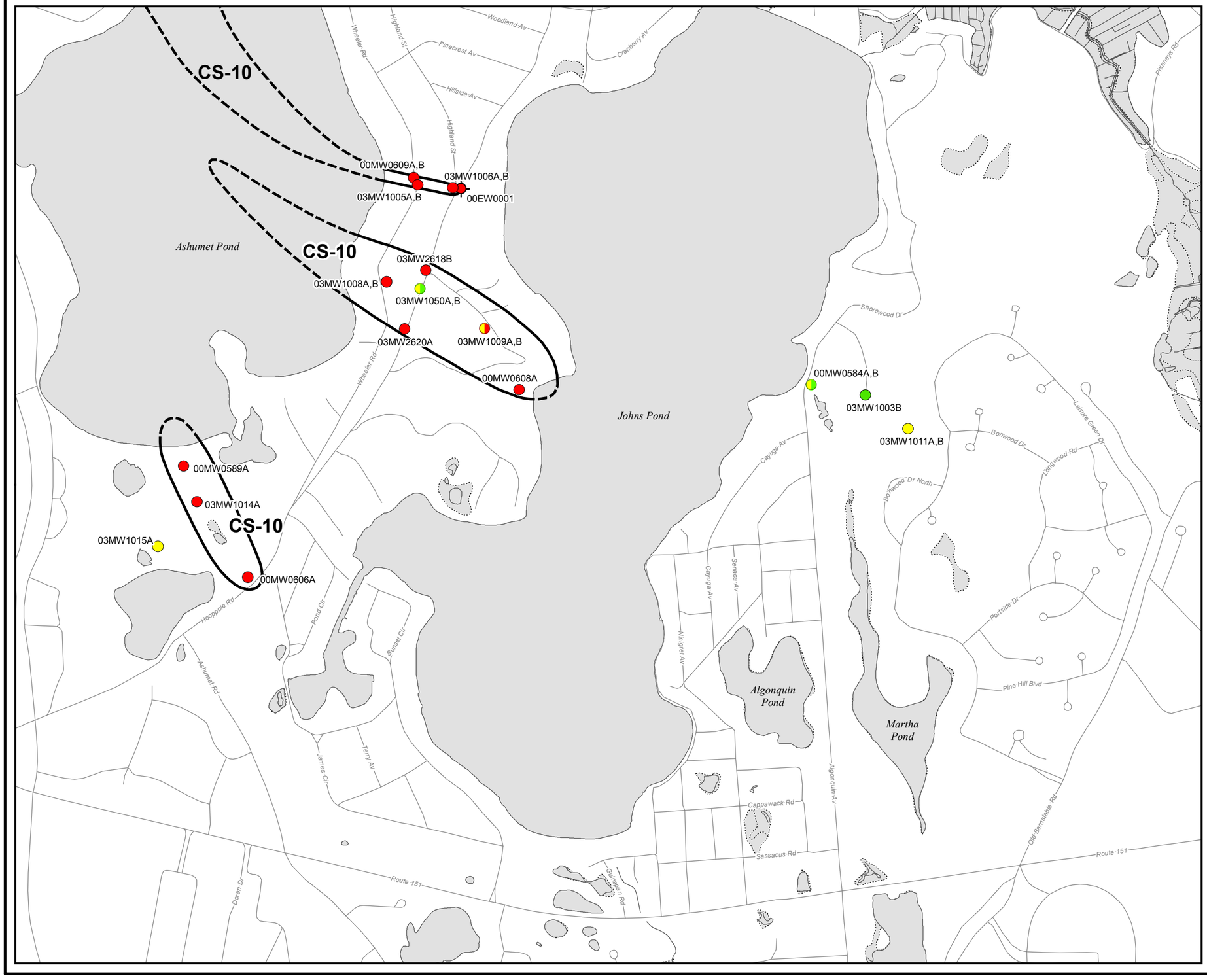
CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

CS-10 Sandwich Road - Results:

Monitoring Wells

- Maximum TCE concentration in the Sandwich Road area was detected during baseline sampling of newly installed well 03MW1087B (86 µg/L).
- TCE concentrations were generally consistent with previous sampling events.
- TCE concentrations in trailing edge well 03MP0091A decreased below the MCL in January 2011 (from 12 to 2.8 µg/L) and continued to decrease to 1.1 µg/L in December 2011; previous maximum concentration of 1,500 µg/L was observed at this well in 2001.
- TCE concentrations exceeded the MCL in two monitoring wells located downgradient of 03EW2177. TCE concentrations at 03MW2412A increased from 41.2 to 59 µg/L and TCE concentrations decreased from 6.6 to below the MCL (4.1 µg/L) at 03MW2412B.
- PCE was detected at one monitoring well, 03MW2412A, and concentrations increased from 3.5 µg/L in June 2011 to an MCL exceedance of 5.5 µg/L in November 2011.

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Legend

- Extraction Well
- Plume Boundary (Dashed Where Inferred)
- Bog/Wetland

Contaminant Detections in Groundwater

- No Detection
- Detection Below or At MCL
- Detection Above MCL

N

0 425 850

Feet

Data Source: AFCEE, March 2012, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

FIGURE 7

CS-10 LEADING EDGE AREA 2011 COC DETECTIONS IN GROUNDWATER

AFCEE - Massachusetts Military Reservation

CS-10 2011 Summary Letter Report

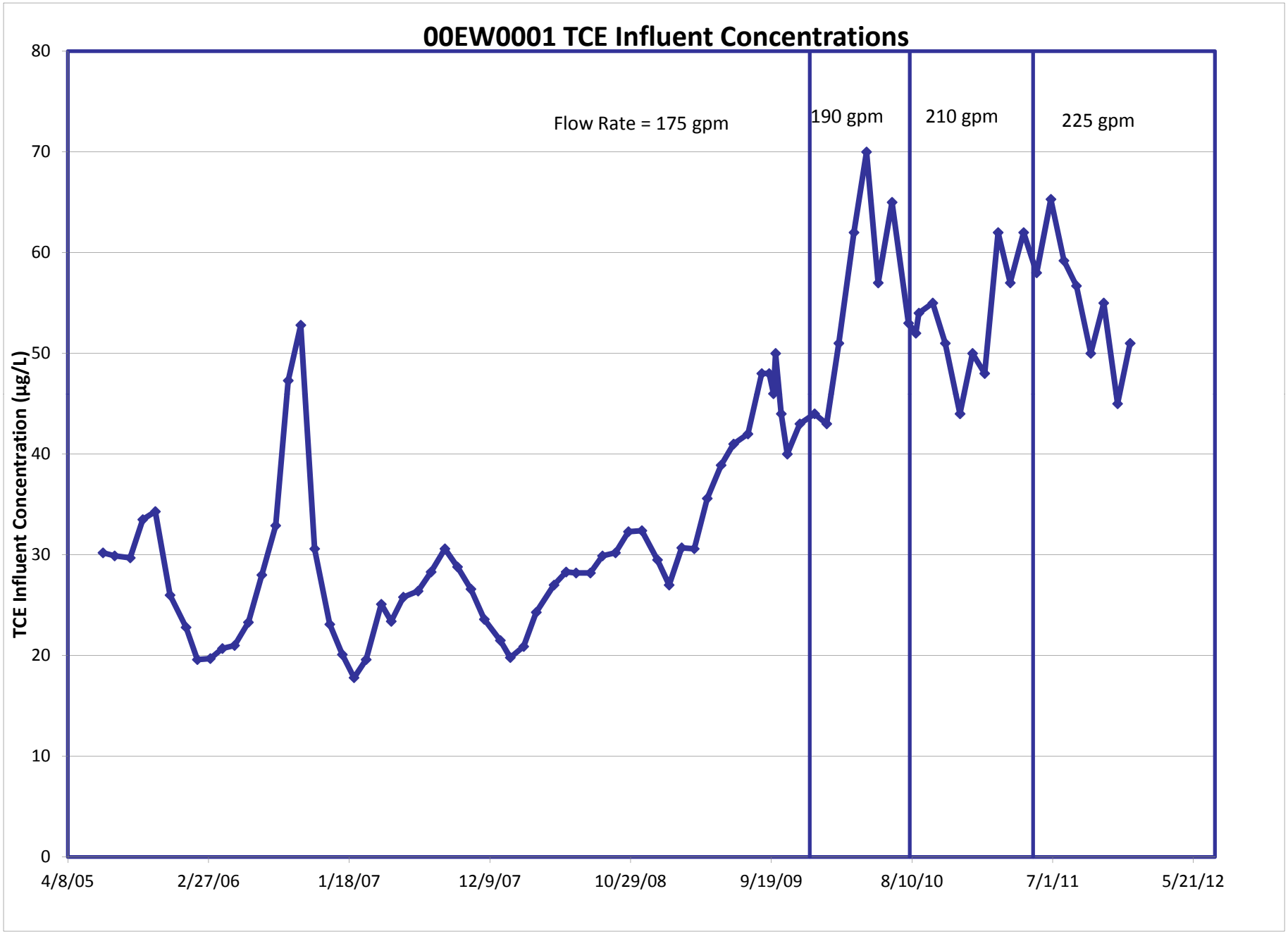
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CS-10 SPEIM/LTM
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Northern Lobe:

Plant (2011)

- TCE influent concentrations ranged from 45 µg/L to 65.3 µg/L and PCE influent concentrations were BRL.
- 00EW0001 removed approximately 51.9 lbs of TCE and 0.5 lbs of PCE in 2011. A total mass of approximately 347.7 lbs of TCE and PCE has been removed since system startup.
- Extraction well 00EW0001 operated at 112% of the design flow rate (190 gpm) in 2011. Flow testing at 00EW001 is ongoing; current flow rate is 225 gpm.
- Approximately 113 million gallons of groundwater from 00EW0001 were treated at the SRTF in 2011.


00EW0001 TCE Influent Concentrations
TCE Influent Concentration (µg/L)
80
70
60
50
40
30
20
10
0
Flow Rate = 175 gpm
190 gpm
210 gpm
225 gpm
4/8/05
2/27/06
1/18/07
12/9/07
10/29/08
9/19/09
8/10/10
7/1/11
5/21/12

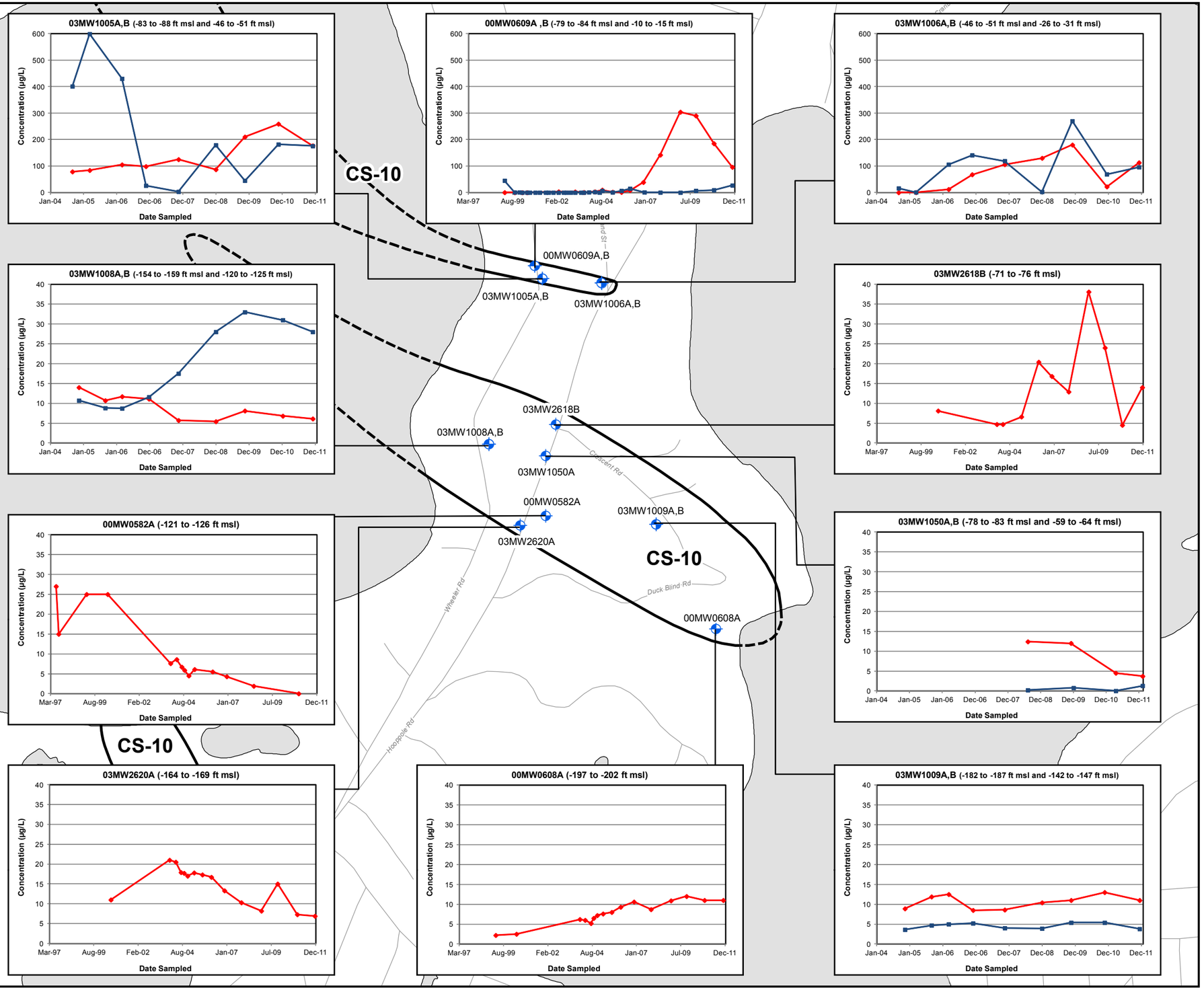
CS-10 SPEIM/LTM
2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

Northern Lobe:

Monitoring Wells/Surface Water

- TCE concentrations in the Northern Lobe fluctuated compared to concentrations detected in the previous sampling event.
- Notable increases were observed at three wells: 00MW0609B (9.5 to 27 µg/L), 03MW1006A (22 to 113 µg/L), and 03MW1006B (69 to 96 µg/L).
- Notable decreases were observed at two wells: 00MW0609A (168 to 96 µg/L) and 03MW1005A (259 to 177 µg/L) .
- PCE was detected above the reporting limit at three wells: 03MW1005A (1.4 µg/L), 03MW1005B (1.2 µg/L), and 03MW1006B (1.1 µg/L).
- Surface water samples were collected from former discharge area in Johns Pond and from three additional Johns Pond locations and TCE was not detected.

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Legend

- Monitoring Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE
- TCE for Shallow (B Screen) Well Where Two Trend Lines are Presented

N

0 250 500 Feet

Data Source: AFCEE, April 2012, MMR-AFCEE Data Warehouse
MMR boundary from Massachusetts Air National Guard 2011

CS-10 NORTHERN LOBE AND NORTH CENTRAL LOBE TCE CONCENTRATION TRENDS

AFCEE - Massachusetts Military Reservation

26 April 2012 Technical Update Meeting

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2011 Annual Data Presentation
26 April 2012 Technical Update Meeting

North Central Lobe:

- TCE concentrations exceeded the MCL in six wells at concentrations ranging from 6.1 µg/L (03MW1008A) to 28 µg/L (03MW1008B).
- TCE concentrations were generally consistent with the previous sampling event.
- TCE concentrations decreased below the MCL in one well, 03MW1009B (5.4 to 3.8 µg/L), and increased above the MCL in one well, 03MW2618B (4.5 to 15 µg/L).
- PCE was detected in five wells at concentrations ranging from 1.7 µg/L (03MW1009A) to 5.1 µg/L (03MW2620A).
- PCE concentrations were consistent with the previous sampling event.

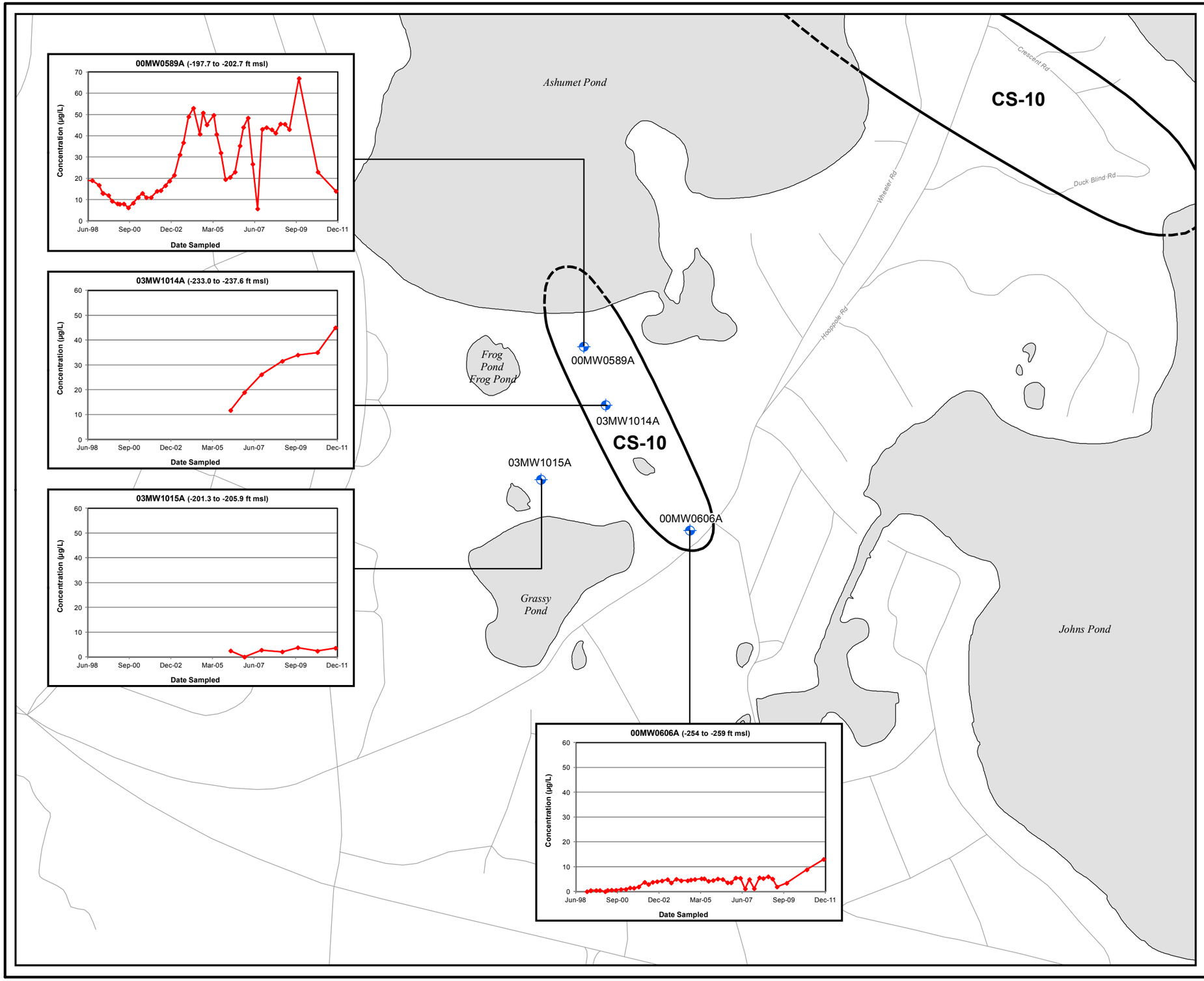
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Southern Lobe:

- TCE concentrations exceeded the MCL in three wells:
  00MW0589A (14 µg/L), 03MW1014A (45 µg/L), and 00MW0606A (13 µg/L).

- PCE concentrations exceeded the MCL in two wells:
  00MW0589A (8.2 µg/L) and 03MW1014A (16 µg/L).

- Increases in TCE concentrations were observed at 03MW1014A (35 to 45 µg/L) and 00MW0606A (8.8 to 13 µg/L).



Legend

- Monitoring Well
- Massachusetts Military Reservation Boundary
- Plume Boundary (Dashed Where Inferred)
- TCE

N

0 250 500 Feet

Data Source: AFCEE, September 2011, MMR-AFCEE Data Warehouse
MMR Boundary from Massachusetts Air National Guard 2011

CS-10 SOUTHERN LOBE TCE CONCENTRATION TRENDS

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East Side of Johns Pond:

- An Eastern Lobe was delineated in 2004 based on MCL exceedances at three wells: 00MW0584A, 03MW1003B, and 03MW1011B.

- TCE concentrations decreased below MCL at 00MW0584A in 2004 and at wells 03MW1003B and 03MW1011B in 2005 and the Eastern Lobe was no longer delineated.

- In 2011, TCE concentrations at 00MW0584A increased above the MCL to 6.2 µg/L; re-sampled well in July 2011 and results were confirmed (7.6 and 6.5 µg/L).

- TCE concentrations at 00MW0584A decreased below the MCL to 1.3 µg/L in November 2011.

- TCE was not detected in 03MW1003B and TCE was detected at a concentration of 1.1 µg/L in 03MW1011B.

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Conclusions:

- CS-10 plume contamination distribution is complicated; several high concentration lobes upgradient of 03EW2102 and higher concentration zones in the areas of extraction wells 03EW2104, 03EW2105, and 03EW2110 have been identified. MCL exceedances have also been detected outside the current CS-10 plume boundary.
- Based on the draft revised 2012 plume shell and draft 2012 groundwater flow model, the CS-10 IP system is still meeting RAOs and contamination located to the east of the current plume boundary is located within the Sandwich Road capture zone.
- Maximum TCE concentrations exceeding 3,000 µg/L are located upgradient of 03EW2102 and influent concentrations at 03EW2102 remain consistently high.
- TCE concentrations at 03EW2106 and in the area of 03EW2106 support taking this well out of operation.
- Decreasing TCE concentration trends have been observed at several monitoring wells located downgradient of the ISCO pilot test site. Elevated concentrations of selected metals are still observed at the ISCO pilot test site five years after the injection.

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Conclusions (continued):

- Higher concentrations previously detected downgradient of 03EW2111 have decreased and contamination appears to have migrated downgradient of the base boundary toward 03EW2112.
- Contamination has migrated past the base boundary to the east of the Sandwich Road fence. Eastern wells 03EW2176 and 03EW2177 have been turned back on while a data gap investigation is ongoing in this area.
- TCE influent concentrations at the Northern Lobe extraction well (00EW0001) are consistent with high TCE concentrations in upgradient wells; the extraction well is containing the plume and operating as designed.
- Concentrations in the North Central Lobe and the Southern Lobe are consistent with previous results indicating the overall delineation of these leading edge lobes are adequately characterized.
- TCE concentrations at one well on the east side of Johns Pond (00MW0584A) which increased above the MCL in early 2011 decreased to 1.3 µg/L in November 2011.

CS-10 SPEIM/LTM
2011 Annual Data Presentation
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Recommendations:

- MCL exceedances of TCE and PCE have been detected outside the current CS-10 plume boundary. The revised CS-10 plume boundary will be presented with the 2012 TCE and PCE plume shells in the data gap investigation technical memorandum, currently scheduled for submittal in July 2012.
- Perform CS-10 SPEIM monitoring network optimization, evaluating frequency for existing and newly installed monitoring wells, and determining if permanent monitoring locations are needed at selected direct push boring locations.
- Continue monitoring in the ISCO pilot test area to further evaluate trends in TCE, manganese, and hexavalent chromium concentrations.

CH2MHILL	PROJECT NOTE	TASK ORDER 0300
		PROJECT NO. 420005
AFCEE **SPEIM/LTM/O&M** **Otis ANG Base, Massachusetts** **4P08 FA8903-08-D-8769-0300**	**DOCUMENT CONTROL NUMBER:** **420005-EES-SRTF-PRJNOT-001** **CDRL A001k**	PAGE 1 OF 5

Confirmation Of:		Date Held:	Not Applicable
☐	Meeting	Location:	Not Applicable
☐	Change Notice	Date Issued:	21 June 2012
☒	General Project Note	Authored By:	Brad Johnson, P.E.

Subject: **VALIDATION OF RESULTS FROM PERMANGANATE PRETREATMENT TESTS AT THE SANDWICH ROAD TREATMENT FACILITY**

Issued By: Patricia de Groot, P.G.

CH2M HILL PROGRAM MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** The purpose of this project note is to present the results of follow-on testing performed to validate conclusions derived from a prior test of the injection of potassium permanganate ($KMnO_4$) into the influent stream at the Sandwich Road Treatment Facility (SRTF) owned by the Air Force Center for Engineering and the Environment (AFCEE) at the Massachusetts Military Reservation (MMR) (AFCEE 2011). This testing was originally undertaken to determine if the concentrations of contaminants entering the SRTF (primarily trichloroethene [TCE]) could be decreased by the process of chemical oxidation using $KMnO_4$ as a pretreatment technology. This could potentially extend the life of the granular activated carbon (GAC) utilized for removing contaminants from groundwater by lowering the mass of TCE entering the GAC beds.
2.0	**BACKGROUND** Between 1998 and 2003, a 2.57% (by weight) aqueous solution of $KMnO_4$ was injected into the influent stream at SRTF in association with the use of greensand filters (GSFs) to remove dissolved and suspended iron and manganese from the process stream. $KMnO_4$ served to continuously regenerate the GSF media and was not originally intended to reduce the concentration of contaminants entering the treatment plant. The injection of $KMnO_4$ was discontinued in January 2003 because it was no longer needed to remove ferrous iron from the process stream prior to GAC treatment. The concentrations of dissolved metals in the Storm Drain-5 (SD-5) North influent stream decreased after the flanking extraction wells in the SD-5 North extraction fence (28EW0001 and 28EW0010) were taken out of operation. These two wells were capturing groundwater containing low levels of volatile organic compounds (VOCs) and metals. Concentrations of metals have continued to decrease as the remaining SD-5 North extraction wells were removed from operation as the plume was remediated. $KMnO_4$ is frequently used *in situ* to oxidize contaminants (such as VOCs) present in aquifer formations. This process is commonly known as *In Situ* Chemical Oxidation (ISCO). With ISCO, relatively high $KMnO_4$ concentrations (thousands of parts per million) are used, the target concentrations are usually orders of magnitude higher than the concentrations found in MMR

Distribution: AFCEE: Rose Forbes, CH2M HILL: Pat de Groot, Mike Schaadt/CVO, Mike Grigorieff/SCO, Doc. Ctrl.

ITEM	REMARKS
	plant influent streams, and the contact time between the contaminant and the $KMnO_4$ is relatively long (weeks to months). The intent of the $KMnO_4$ injection test conducted at SRTF was to determine if injections of $KMnO_4$ into an existing pump and treat system could result in reduced operating costs and improved sustainability by reducing consumption of GAC. During these pretreatment tests, the injection of $KMnO_4$ was performed utilizing the existing equipment at SRTF formerly used for this purpose. At AFCEE's request, the concentration of the $KMnO_4$ solution and the rate of injection of the solution into the process stream were chosen to match the parameters previously used for GSF media regeneration. The resulting concentration of $KMnO_4$ in the process water was approximately 0.5 milligrams per liter (mg/L) during this testing.
3.0	**RESULTS AND CONCLUSIONS FROM PRIOR TESTING** Analyses of samples collected from the plant influent and a sample port immediately downstream from the chemical injection point during the original injection test program showed an approximately 50% decrease in TCE concentrations (AFCEE 2011). However, TCE concentrations measured at the effluent from the greensand filters was approximately equal to the plant influent concentration. The reductions in TCE concentrations in the post-injection port samples coupled with results from the post-greensand sample port (which indicated virtually no change from influent concentrations) were unexpected and seemingly contradictory. However, it was hypothesized that this was the result of 1) laboratory holding time and, 2) reduction of $KMnO_4$ by the greensand filter media. All samples submitted to the laboratory for VOC analyses were submitted for standard turnaround time of 15 work days. Upon receipt of the samples at the laboratory the samples were stored under refrigeration at between 2 to 6 degrees Celsius until ready for analysis. Any unreacted $KMnO_4$ present in the sample would continue to be available to react with residual TCE in the sample up until the time of analysis. Calculations using published rates of reaction for $KMnO_4$ and TCE in water were performed to estimate the time required for these ongoing reactions to reduce the TCE concentration to that seen in the post-injection samples (AFCEE 2011). The estimated time was very close to the actual holding time (12.3 days estimated, 13 days actual). Based on the estimate it is likely that if these samples had been analyzed very shortly after being taken, little or no change in the TCE concentration compared to the combined influent concentration would have occurred. Thus, the continued reaction of the TCE with the $KMnO_4$ during the sample holding time could explain the reduced concentration of TCE in the post-injection sampling port. It is likely that virtually all residual $KMnO_4$ present in the process stream was reduced by reaction with the greensand filter media. This is the mechanism formerly used to regenerate the greensand media when it was used for removal of metals. This likely left little dissolved $KMnO_4$ to react with TCE in the post-greensand sample vials. Consequently, the TCE concentration in the post-greensand samples indicated virtually no destruction of contaminants.

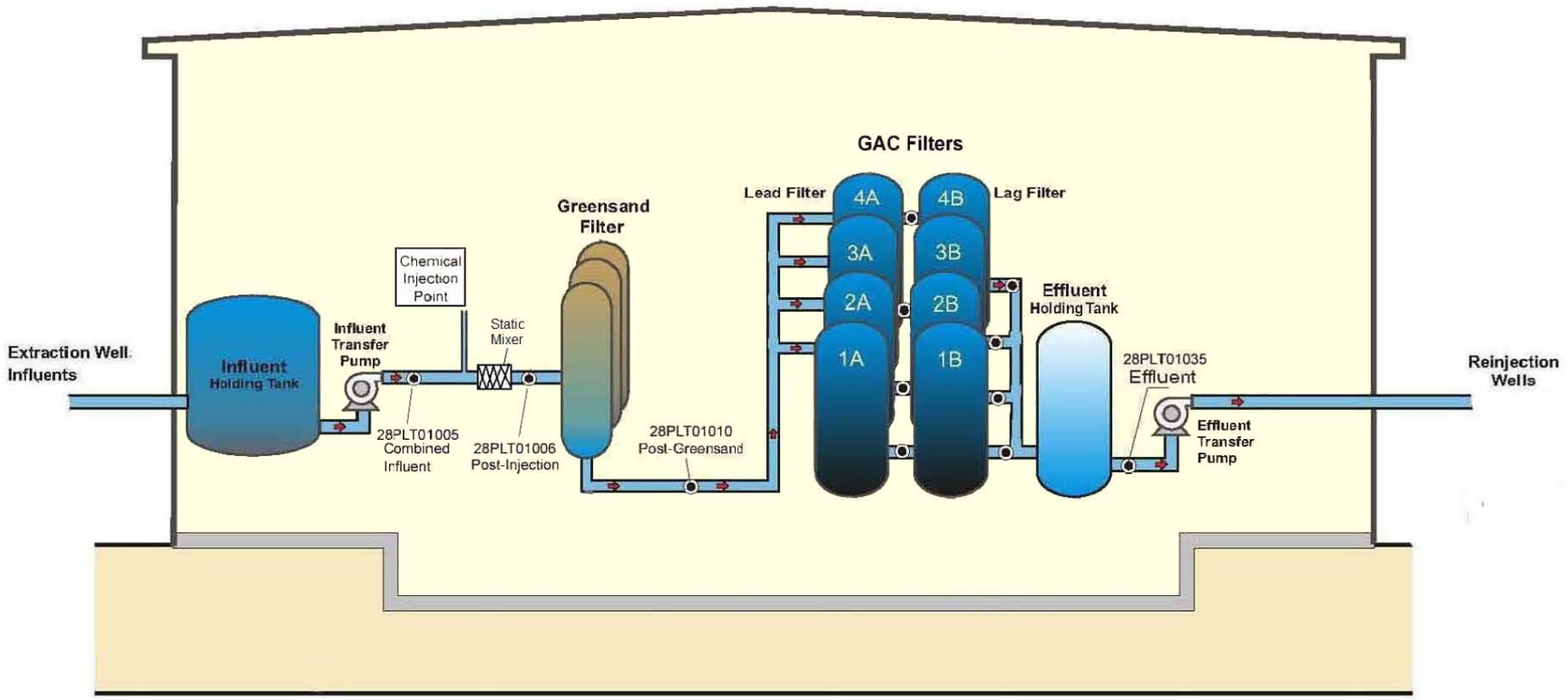
ITEM	REMARKS
	At AFCEE's request, follow-on testing was performed in order to validate the conclusion that the observed decrease in TCE concentration in the post-injection samples occurred during the sample holding time rather than in-process.
4.0	**TEST SETUP AND EXECUTION** The test system utilized to perform the follow-on testing was the same system used in the original testing. No modifications to the equipment, solution concentrations, or flow rates were made. A process flow diagram indicating $KMnO_4$ injection location and sampling points is shown in Figure 1. A photograph of the $KMnO_4$ storage and injection system is shown in Figure 2. The injection system introduces chemical solution into the combined influent pipeline immediately upstream from a static mixer designed to homogenize the chemical solution and the process stream. The concentration of the $KMnO_4$ solution and the rate of injection of the solution into the process stream were chosen to match the parameters previously used for GSF media regeneration. For GSF media regeneration, a 2.57% (by weight) aqueous solution of $KMnO_4$ was injected at a rate of 1.12 gallons per hour (gph) per 1,000 gallons per minute (gpm) of process flow. For the current SRTF process flow rate of 770 gpm, this results in a $KMnO_4$ solution injection rate of 0.86 gph. At these flow rates, the concentration of $KMnO_4$ in the process water is approximately 0.5 mg/L. Prior to the start of the test, the chemical metering pump was set to 0.86 gph and the flow rate was confirmed by measuring the time to pump a specific volume of water out of the storage tank into the process piping. After the metering pump flow rate was set, a 2.57% $KMnO_4$ solution was prepared in the chemical holding tank and the injection test was started. Table 1 contains the sampling plan for the injection event. All water samples were analyzed for VOCs using U.S. Environmental Protection Agency (EPA) Method 8260B. The laboratory analysis was performed by Analytics Environmental Laboratory, LLC in Portsmouth, New Hampshire. All analyses for this follow-on testing were ordered with a one-day turnaround time to eliminate the effects of ongoing reactions occurring in the sample vials. The test was performed on 11 April 2012. Immediately prior to the start of the injection event, baseline water samples for analysis were taken from the combined influent just upstream of the injection port (28PLT01005), the post-injection sample port downstream from the static mixer (28PLT01006), and the combined effluent from the three greensand filters (28PLT01010). Refer to Figure 1 for sampling port locations. Field parameters (temperature, specific conductivity, dissolved oxygen, pH, oxidation/reduction potential [ORP], and turbidity) were also measured at these sampling ports as well as the combined plant effluent downstream from the GAC vessels (28PLT01035). ORP measurements provide an indication of the presence of $KMnO_4$. The combined plant effluent port was not analyzed for VOCs since it is known that the GAC would remove most if not all of the dissolved VOCs.

ITEM	REMARKS
	After baseline sampling was completed, injection of the $KMnO_4$ solution was started, and water samples and field parameters were taken 15 and 30 minutes, and 1 and 4 hours after commencement of injection.
5.0	**RESULTS** Analytical data from each of the injection events are presented in Table 2. TCE concentrations at the combined influent sample port (28PLT01005), the post-injection sample port (28PLT01006), and the greensand filter effluent sampling port (28PLT01010) are presented graphically in Figure 3. ORP readings increased substantially after the commencement of chemical injection; from approximately 150 millivolts (mV) at the post-injection port to approximately 530 mV. This is to be expected due to the strongly oxidizing properties of $KMnO_4$. Since the plumbing between the chemical mixing tank and the chemical injection port in the combined effluent piping had initially been tested with water and remained filled with clean water at the start of the first injection event, it took some period of time for the chemical solution to progress through the plumbing and into the chemical injection port in the combined effluent piping. This explains the lower ORP measurements in the 15 and 30 minute samples. The $KMnO_4$ solution had not yet reached the injection port. ORP values measured at the greensand filter effluent dropped to approximately 470 mV. This is likely due to the $KMnO_4$ being partially consumed by reaction with the greensand filter media and/or filtrate. Unlike the results from the original injection test which indicated an approximately 50% decrease in TCE concentrations in the samples collected from the post-injection sample port, TCE concentrations at this port during the follow-on testing remained nearly constant; varying between 18-20 µg/L at all sampling events.
6.0	**CONCLUSIONS AND RECOMMENDATIONS** Based on the information presented above, the reductions in TCE concentrations observed during the original test appear to have been the result of continued reduction of TCE by residual $KMnO_4$ during the sample holding time. Additionally, due to unfavorable reaction kinetics and the limited residence time in the treatment system, significant reductions in TCE concentration were not likely to be achieved with this technique. It is recommended that no further investigation of this technology be performed.

ITEM	REMARKS
7.0	**REFERENCE** AFCEE. 2011 (January). Project Note: *Test of Permanganate Pretreatment at the Sandwich Road Treatment Facility.* 404929-EES-SRTF-PRJNOT-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

Attachments:

Figure 1. Location of Permanganate Injection and Sampling Ports
Figure 2. Permanganate Mixing and Injection System
Figure 3. TCE Concentrations and ORP Readings
Table 1. Sandwich Road Treatment Facility $KMnO_4$ Injection Sampling Plan
Table 2. Analytical Data



Legend

◉ Sampling Port

GAC Granular Activated Carbon

Pump

FIGURE 1

LOCATION OF PERMANGANATE INJECTION AND SAMPLING PORTS

AFCEE - Massachusetts Military Reservation

Validation of Results From Permanganate Pretreatment Test at the Sandwich Road Treatment Facility

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FIGURE 2

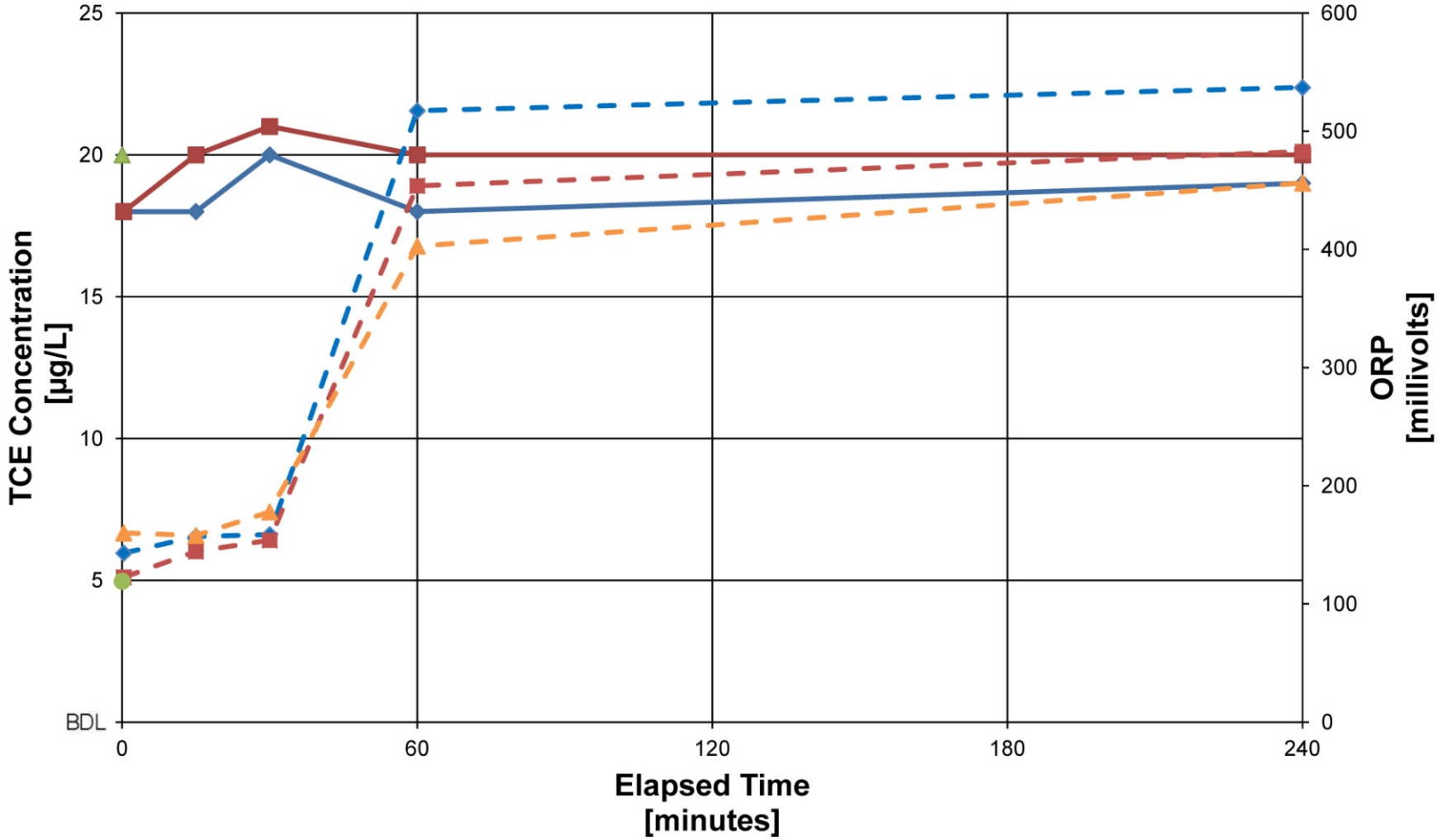
PERMANGANATE MIXING AND INJECTION SYSTEM

AFCEE - Massachusetts Military Reservation

Validation of Results From Permanganate Pretreatment Test at the Sandwich Road Treatment Facility

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Data Source: AFCEE, MMR-AFCEE Data Warehouse

Legend

- Combined Influent (28PLT01005) TCE
- Post-Greensand (28PLT01010) TCE
- Post-Injection (28PLT01006) ORP
- Post-GAC (28PLT01035) ORP
- Post-Injection (28PLT01006) TCE
- Combined Influent (28PLT01005) ORP
- Post-Greensand (28PLT01010) ORP

BDL = below method detection limit
µg/L = micrograms per liter
TCE = trichloroethene
ORP = Oxidation/Reduction Potential

FIGURE 3

TCE CONCENTRATIONS AND ORP READINGS

AFCEE - Massachusetts Military Reservation
Validation of Results from Permanganate Pretreatment Tests at the Sandwich Road Treatment Facility

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Table 1

Sandwich Road Treatment Facility $KMnO_4$ Injection Sampling Plan

Validation of Results from Permanganate Pretreatment Tests at the Sandwich Road Treatment Facility Project Note

Sampling Event	28PLT01005		28PLT01006		28PLT01010		28PLT01035	
	VOC Sample	Water Quality Measurement	VOC Sample	Water Quality Measurement	VOC Sample	Water Quality Measurement	VOC Sample	Water Quality Measurement
Prior to start of injection	X	X	X	X	X	X		X
15 minutes			X	X	X	X		X
30 minutes			X	X	X	X		X
1 hour			X	X	X	X		X
4 hours			X	X	X	X		X

System Operating Parameters:

Influent Flow Rate:	770	gpm
$KMnO_4$ weight %:	2.57	
$KMnO_4$ solution injection rate:	0.86	gph

Sampling Locations:

Description	**Loc ID**
Combined influent	28PLT01005
Post-injection	28PLT01006
Post-greensand	28PLT01010
Post-GAC	28PLT01035

Notes:
Water quality measurements taken with Yellowstone Scientific Instruments model 650 MDS water quality meter.
VOC samples analyzed by U.S. Environmental Protection Agency method 8260B with one-day turn-around time.

Key:
GAC = granular activated carbon
gph = gallons per hour
gpm = gallons per minute
$KMnO_4$ = potassium permanganate
VOC = volatile organic compound

Table 2
Analytical Data
Validation of Results from Permanganate Pretreatment Tests at the Sandwich Road Treatment Facility Project Note

Interval	Time	Location	Field Parameters						Laboratory Analysis		
			Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turb (NTU)	PCE (µg/L)	TCE (µg/L)	DCE (µg/L)
Start Up	8:10	28PLT01005	11.35	133	7.65	7.29	119.2	0.3	0.32	20	0.49
	8:20	28PLT01006	11.37	133	7.60	6.90	143.0	1.0	0.33	18	0.46
	8:30	28PLT01010	11.36	132	7.50	6.66	122.6	0.6	0.35	18	0.53
	8:40	28PLT01035	11.41	130	8.56	6.51	160.1	0.3	NS	NS	NS
15 Min	9:15	28PLT01006	11.38	133	7.55	6.38	157.0	0.4	0.3	18	0.49
	9:25	28PLT01010	11.38	132	7.57	6.35	144.4	0.3	0.32	20	0.6
	9:30	28PLT01035	11.45	129	8.45	6.23	157.9	0.3	NS	NS	NS
30 Min	9:35	28PLT01006	11.38	132	8.31	6.31	158.6	0.3	0.29	20	0.58
	9:50	28PLT01010	11.38	132	7.45	6.30	153.9	0.4	0.38	21	0.56
	10:05	28PLT01035	11.49	129	8.28	6.25	177.9	0.3	NS	NS	NS
1 Hour	10:10	28PLT01006	11.38	132	7.58	6.28	517.3	0.3	0.33	18	0.45
	10:20	28PLT01010	11.37	132	7.64	6.27	453.8	0.8	0.32	20	0.53
	10:30	28PLT01035	11.51	129	8.27	6.19	402.8	0.1	NS	NS	NS
4 Hour	13:00	28PLT01006	11.4	131	7.51	6.20	537.0	0.1	0.38	19	0.49
	13:05	28PLT01010	11.39	131	7.55	6.20	482.8	0.2	0.3	20	0.53
	13:15	28PLT01035	11.53	129	8.47	6.16	456.1	0.0	NS	NS	NS

Sampling Locations:

Description	Loc ID
Combined influent	28PLT01005
Post-injection	28PLT01006
Post-greensand	28PLT01010
Post-GAC	28PLT01035

Key:

°C = degrees Celsius
DCE = dichloroethene
DO = dissolved oxygen
mg/L = milligrams per liter
mV = millivolts
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
Turb = turbidity
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

CH2MHILL	PROJECT NOTE	TASK ORDER 0300
		PROJECT NO. 420005
AFCEE **SPEIM/LTM/O&M** **4P08 FA8903-08-D-8769-0300**	**DOCUMENT CONTROL NUMBER:** **420005-EES-MULTIPLE-PRJNOT-005** **CDRL A001k**	PAGE 1 OF 6

Confirmation Of:	Date Held: Not Applicable Location: Not Applicable Date Issued: 18 July 2012 Authored By: Brad Johnson, P.E. Jillian Hume, E.I.T.
☐ Meeting ☐ Change Notice ☒ General Project Note	
Subject: **PERFORMANCE AND SUSTAINABILITY REVIEW OF COCONUT SHELL-BASED GRANULAR ACTIVATED CARBON AT THE MASSACHUSETTS MILITARY RESERVATION**	Issued By: Patricia de Groot, P.G. CH2M HILL PROJECT MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** The purpose of this project note is to compare potential cost and sustainability impacts of switching from the use of custom segregated reactivated (CSR) coal-based granular activated carbon (GAC) to virgin coconut shell-based GAC at groundwater remediation systems at the Massachusetts Military Reservation (MMR) operated by the Air Force Center for Engineering and the Environment (AFCEE). Pilot-scale and full-scale testing of virgin coconut shell-based GAC has indicated that this product could result in longer adsorption bed life than the currently used CSR GAC. Longer bed life would result in fewer GAC exchanges, which in turn could reduce annual operating costs for the GAC treatment systems, and improve the overall sustainability of the groundwater treatment program at the MMR by reducing the emissions associated with transportation and reactivation of GAC. In order to compare the sustainability impacts of the different types of GAC, a Life Cycle Analysis (LCA) was conducted to model the greenhouse gas emissions of coconut shell GAC at MMR. A similar LCA for CSR GAC had been previously prepared under Task Order-148 (TO-148) (AFCEE 2010), which was used to compare the greenhouse gas emissions of the two products.
2.0	**BACKGROUND** Pilot-scale performance comparison testing of three different commercially available GAC products versus the CSR GAC product currently used at MMR groundwater treatment systems had been previously performed under TO-175 (AFCEE 2011). This testing was designed to determine if alternative GAC products may exhibit longer bed lives than the currently used reactivated coal-based product. Pilot testing results indicated that a doubling of bed service life may be possible by switching to virgin coconut shell-based GAC from the currently used CSR GAC. Based on interim results from this pilot test, on 26 August 2010 CH2M HILL recommended to AFCEE that a full 20,000-pound (lb) load of virgin coconut shell-based GAC be installed in one of the GAC vessels at Chemical Spill-10 (CS-10) In-Plume (IP) Building D in order to directly compare bed life of this product to CSR GAC at full-scale. The contaminant of concern (COC) controlling GAC exchanges at this plant is trichloroethene (TCE), which is present in the influent in concentrations of approximately 35-40 micrograms per liter (µg/L). This load of GAC was

ITEM	REMARKS
	installed in the lag position on 14 December 2010, and it was subsequently switched into the lead position on 18 February 2011. September 2011 monthly sampling indicated that the GAC exchange criteria (1 µg/L at the lead vessel effluent) had been exceeded, and this load of GAC was removed from service on 27 September 2011. This bed was in the lead position for approximately 7.4 months prior to exchange. The average bed life of CSR GAC at CS-10 IP Building D from 2008-2011 is approximately 2.2 months after being switched to the lead position. Based on these full-scale results, a greater than three-fold increase in bed life might be expected by switching to virgin coconut shell GAC at systems where TCE controls GAC exchanges.
3.0	**CONTINUED FULL-SCALE TESTING OF COCONUT SHELL GAC** Based on the encouraging results from the pilot-scale and full-scale tests performed under TO-175 at CS-10 IP Building D, at AFCEE's request, three loads of coconut shell GAC (two virgin and one reactivated) were ordered for testing at Landfill-1 (LF-1)/CS-23 (virgin), Fuel Spill-28 (FS-28) (virgin), and CS-10 IP Building D (reactivated) using funds from TO-244. The LF-1/ CS-23 and FS-28 systems were selected in order to evaluate the performance of coconut shell GAC at systems where GAC exchanges are controlled by other COCs (carbon tetrachloride [CCl_4] and ethylene dibromide [EDB], respectively), and CS-10 IP Building D was selected for the reactivated coconut shell GAC in order to compare performance to the previously installed load of virgin coconut shell GAC. Table 1 describes the service history of full-scale tests of coconut shell GAC at the AFCEE MMR treatment systems. GAC was delivered to CS-10 IP Building D, FS-28, and LF-1/CS-23, on 23 September 2011, 28 September 2011, and 20 October 2011, respectively. These beds were moved to the lead position at these plants on 17 November 2011, 18 January 2012, and 01 December 2011, respectively. The reactivated coconut shell GAC delivered to CS-10 IP Building D was obtained from AFCEE's GAC vendor's (Carbon Activated Corp., Orchard Park, New York) stock derived from reactivation of spent GAC from other customers. This GAC was removed from service on 21 February 2012 after 96 days in the lead position. It was replaced with another load of reactivated coconut shell GAC on 16 March 2012 that was produced by reactivating the load of GAC previously removed from CS-10 IP Building D on 27 September 2011. This bed was moved to the lead position on 15 June 2012. As of the publication date of this document, loads of coconut shell GAC are still in service in the lead position at CS-10 IP Building D, LF-1/CS-23, and FS-28. Average lead bed life of CSR GAC is presented in Table 1 for comparison. Note that for beds still in service, for purposes of evaluation, the bed life is calculated assuming that the GAC exchange criteria will be exceeded during the August 2012 sampling event, with the GAC removed from service on 15 August 2012. Actual bed life may turn out to be longer.
4.0	**PERFORMANCE RESULTS** It can be seen from the data in Table 1 that in all cases, the bed life of virgin coconut shell GAC is substantially higher than the average bed life of CSR GAC. Bed life extension factors of between 2.5 and 3.4 times the average bed life of CSR GAC at each train where virgin coconut shell GAC

ITEM	REMARKS
	was tested have been observed. Since the loads of virgin coconut shell GAC are still in service in the lead position at LF-1/CS-23 and FS-28, the actual bed life extension factors could be higher than those presented in the table. Reactivated coconut shell GAC has been tested at CS-10 IP Building D. The first load of reactivated GAC served in the lead position for approximately 3 months. This is not significantly longer than what is normally achieved with coal-based CSR GAC. The average CSR lead bed service life at this plant is 2.2 months, and it is not unusual for beds of CSR GAC to last for 3 months. It appears from these results that the reactivation process may be substantially reducing the TCE adsorption capacity of the GAC. However, it must be noted that this is only based on the observed performance of a single bed of reactivated coconut shell GAC. Since this product was obtained from AFCEE's GAC vendor's stock derived from reactivation of spent GAC from other customers, it is not known how many reactivation cycles this product had been subjected to. Adsorption capacity tends to decrease with each reactivation cycle. As of the publication date of this document, the second load of reactivated coconut shell GAC (reactivated from the load of virgin coconut shell GAC removed from service on 27 September 2011) has only been in the lead position for approximately 2 months, so final bed life data for this load does not yet exist. It is possible that the average bed life of reactivated coconut shell GAC in this service is substantially longer than 3 months. While these results cannot be applied directly to systems treating EDB and CCl_4, it is likely that similar reductions in adsorption capacity for these contaminants may also occur after reactivation. Table 2 contains a comparison of the average bed life of CSR GAC at the AFCEE MMR treatment plants to the estimated bed life of virgin coconut shell GAC based on full-scale testing performed to-date. For each treatment system, the CSR average lead bed life is multiplied by the bed life extension factor for the applicable COC from full-scale test results (see Table 1) to produce the coconut shell lead bed life estimates. Annual costs for CSR and coconut shell GAC based on AFCEE's fiscal year 2013 pricing of $13,800 per 20,000 lb load of CSR GAC and $25,800 per 20,000 lb load of coconut shell GAC are also included. Based on these estimates, the total annual cost for GAC could be reduced by approximately $292,000 (a reduction of approximately 40% in cost compared to the use of CSR GAC) if the use of virgin coconut shell GAC were instituted at all AFCEE MMR treatment facilities.
5.0	**SUSTAINABILITY IMPACTS** LCAs for virgin and reactivated coconut shell GAC were prepared to allow for assessment of the environmental impacts of changing from coal-based GAC to coconut shell-based GAC at the MMR groundwater treatment systems. In order to estimate the greenhouse gas footprint (described as equivalent emissions of carbon dioxide [(CO_2]) of coconut shell GAC reactivation and virgin GAC supply, the individual energy consuming components of the GAC life-cycle had to be identified. After contacting Chris Allen of Carbon Activated Corp. and discussing the life-cycle of GAC supplied to MMR, four primary energy consuming activities were identified:

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- The manufacturing of virgin coconut shell GAC in Sri Lanka
- Shipment of virgin coconut shell GAC from Sri Lanka to MMR (via Carbon Activated Corp.)
- GAC reactivation at the Carbon Activated Corp.'s facility in Orchard Park, NY
- Round-trip shipment of reactivated and spent GAC from Carbon Activated to MMR

Several key assumptions and conversion factors were determined through discussions with Carbon Activated Corp. and through independent research:

1. Reactivation produces an estimated 0.77 lbs of CO_2 per pound of GAC reactivated (Carbon Activated estimate based on 6,500 British thermal units [Btu] from combustion of natural gas required per pound of GAC reactivated).
2. The reactivation process destroys an average of 12.5% of the GAC and this lost GAC must be replaced by virgin GAC added to make up the 20,000-lb load (Carbon Activated Corp. estimate).
3. The production of virgin coconut shell GAC is a low-energy consuming process. Dry coconut shells are gathered and trucked to local furnaces where electrical resistive heating is used to start the combustion process. Once the fire has started it is often self sustaining, so energy input is minimal. Based on manufacturer specifications, these furnaces consume approximately 25 kilowatt-hours (kWh) of electricity for each 150 lbs of GAC produced. This equates to 0.48 lbs of CO_2 per pound of virgin GAC produced. The CO_2 emissions for the power used in the GAC furnace was based on actual emission estimates from power generation sources in Sri Lanka presented in the Biomass Energy Utilization $ Environmental Protection – Commercial Reality and Outlook (Luby et. al 2003).
4. Once manufacturing is complete, the coconut shell GAC is transported by ship approximately 10,600 miles from Sri Lanka to Los Angeles, CA, and 2,000 miles by train from Los Angeles to Orchard Park, NY. If all virgin coconut shell GAC is used, 20,000 lbs of virgin coconut shell GAC is transported to MMR. If a combination of reactivated and virgin coconut shell GAC is used, approximately 2,500 lbs of virgin coconut shell GAC is mixed with 17,500 lbs of reactivated coconut shell GAC, and then transported 650 miles by truck to MMR in 20,000-lb loads.

Table 3 summarizes the CO_2 emissions related to various energy consuming activities in the life-cycle of virgin and reactivated coconut shell GAC, and coal-based CSR GAC supplied to MMR. Every 20,000-lb load of virgin coconut shell GAC produced and delivered to MMR results in approximately 11.7 metric tons of CO_2 being emitted to the atmosphere. Approximately 38% of the CO_2 emissions are directly related to production of virgin GAC. The remaining 62% are related to the transportation of virgin GAC from Sri Lanka and the transportation of spent GAC from MMR to the Orchard Park, NY reactivation facilities. Although the virgin coconut shell GAC supplier is located in Sri Lanka, the CO_2 impacts of transportation from Sri Lanka per mile are low due to the efficiency of large ocean vessels and train transport.

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	Every 20,000-lb load of reactivated coconut shell GAC (which includes 2,500 lbs of virgin GAC) delivered to MMR results in approximately 9 metric tons of CO_2 being emitted to the atmosphere. Approximately 74% of the CO_2 emissions are directly related to the reactivation of GAC and the production of virgin GAC. The remaining 26% are related to the transportation of virgin make-up GAC from Sri Lanka and the transportation of spent and reactivated GAC between the Orchard Park, NY reactivation facilities and MMR. Table 3 also summarizes the CO_2 emissions related to energy consuming activities in the life-cycle of reactivated coal-based GAC supplied to MMR. Every 20,000-lb load of coal-based GAC (including 2,500 lbs of virgin GAC) delivered to MMR results in 9.7 tons of CO_2 being emitted to the atmosphere. The higher CO_2 emissions for the manufacture of coal-based GAC compared to coconut-based GAC result from the more energy intensive mining and manufacturing process for coal-based GAC. Table 4 contains estimates of total annual CO_2 emissions for the current coal-based CSR scenario and a virgin coconut shell-based scenario. Despite the 20% higher emissions per pound of virgin coconut shell GAC, the total estimated annual emissions could be reduced by approximately 313 tons of CO2 (a reduction of approximately 62% from emissions from the use of CSR GAC) due to the reduced quantities of coconut shell GAC needed, which results from the longer projected service life of the coconut shell product in comparison to the CSR product.
6.0	**CONCLUSIONS AND RECOMMENDATIONS** Based on results from full-scale testing of virgin coconut shell GAC performed to-date, reductions in annual GAC procurement costs of approximately $292,000 may be possible by switching all MMR treatment systems to the use of this product, even though the price per pound is nearly twice as high as the price of CSR GAC. Although emissions per unit mass are estimated to be 20% higher for virgin coconut shell GAC than for CSR GAC, total emissions associated with the activation/reactivation and transportation of GAC used at the MMR treatment systems could be reduced by approximately 62% due to longer projected bed life with virgin coconut shell GAC. There are other significant benefits to reducing the quantity of GAC used by the MMR treatment systems. Lower GAC usage would result in fewer GAC exchanges, requiring less O&M labor effort. Additionally, fewer GAC exchanges would reduce the quantity of vehicle-miles travelled (both by on-site O&M staff and GAC delivery subcontractors) in association with the performance of GAC exchanges. Driving is a relatively high-risk activity, and reduction in vehicle-miles travelled could reduce the risk of driving-related injury (to both project personnel and to the general public), as well as extend the service life of project vehicles and equipment. Table 3 also contains emissions estimates for the use of reactivated coconut shell GAC. The financial and sustainability evaluations included in this document do not include a scenario for the use of reactivated coconut shell GAC since adequate performance data does not exist. However, beginning in August 2012, AFCEE will be partially integrating the use of reactivated coconut shell GAC into the remediation program. It is recommended that the performance of this GAC be

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	tracked and that a similar financial and sustainability evaluation be performed for this product when adequate data exists. It is possible that the use of reactivated coconut shell GAC may result in even greater cost and emissions reductions. Although the bed life of the only load of reactivated coconut shell GAC tested to-date was not significantly longer than the average bed life of CSR GAC (see Section 4), it is possible that future testing may indicate improved results. It is recommended that AFCEE compare the financial and sustainability evaluations for both virgin and reactivated coconut shell GAC to CSR GAC and implement changes to the GAC use program at MMR based on these results.
7.0	**REFERENCES** AFCEE. 2011 (June). Project Note: *Pilot Column Performance Test of Alternative Granular Activated Carbon Products.* 392712-EES-CS10-PRJNOT-005. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2010 (October). Project Note: *Life Cycle Analysis and Greenhouse Gas Estimate for Current GAC Supply and Utilization.* 389849-EES-MULTIPLE-PRJNOT-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. Luby. P., S.B. Mat, and M.R. Susta. 2003. Biomass Energy Utilization and Environment Protection - Commercial Reality and Outlook. Power-Gen Asia 2003. http://www.energy.siemens.com/mx/pool/hq/energy-topics/pdfs/en/industrial%20applications/4_Biomasse_Energy.pdf.

Attachments:

Table 1. Coconut Shell GAC Service History

Table 2. Projected Effects of Use of Virgin Coconut Shell GAC on Costs

Table 3. Estimated CO_2 Emissions Related to GAC Alternatives for MMR

Table 4. Projected Effects of Use of Virgin Coconut Shell GAC on Greenhouse Gas Emissions

Table 1
Coconut Shell GAC Service History

System	Vessel	Delivery Date	Virgin or Reactivated	Moved to Lead Position	Removed from Service	Months in Lead Position	Average† Months in Lead Position: CSR GAC	Bed Life Extension Factor
CS-10 IP Building D	CF101B	14-Dec-10	V	17-Feb-11	27-Sep-11	7.4	2.2	3.4
LF-1/CS-23	CF3200B	23-Sep-11	V	1-Dec-11	*	8.6	2.8	3.1
FS-28	CF101B	20-Oct-11	V	18-Jan-12	*	7.0	2.8	2.5
CS-10 IP Building D	CF101B	28-Sep-11	R[1]	17-Nov-11	21-Feb-12	3.2	2.2	1.5
CS-10 IP Building D	CF101A	16-Mar-12	R[2]	15-Jun-12	*	2.0	2.2	0.9

* GAC exchange criteria not yet exceeded. For purposes of evaluation, the bed life is calculated assuming that the GAC exchange criteria will be exceeded during the August 2012 sampling event, with the GAC removed from service on 15 August 2012. Actual bed life may turn out to be longer.

† Average is calculated beginning in January, 2008.

1. Obtained from AFCEE's GAC vendor's (Carbon Activated Corp., Orchard Park, New York) stock derived from reactivation of spent GAC from other customers.
2. Obtained by reactivating the load of virgin GAC previously removed from CS-10 IP Building D on 27 September 2011.

Key:

CS-10 IP = Chemical Spill-10 In-Plume

CS-23 = Chemical Spill-23

CSR = custom segregated reactivated (coal-based)

FS-28 = Fuel Spill-28

GAC = granular activated carbon

LF-1 = Landfill-1

Table 2

Projected Effects of Use of Virgin Coconut Shell GAC on Costs

System	Average† Lead Bed Life, CSR [months]	Estimated Lead Bed Life, Coconut [months]	COC	Loads of CSR GAC Per Year	Loads of Coconut Shell GAC Per Year	Annual Cost; CSR	Annual Cost; Coconut Shell
SRTF (101 Train)	8.2	27.7	TCE	1.46	0.43	$20,093	$11,168
SRTF (102 Train)	6.9	23.2	TCE	1.74	0.52	$23,977	$13,327
SRTF (103 Train)	7.0	23.6	TCE	1.71	0.51	$23,620	$13,128
SRTF (104 Train)	8.0	26.8	TCE	1.50	0.45	$20,765	$11,541
FS-12 (101 Train)	15.0	37.5	EDB	0.80	0.32	$11,040	$8,256
FS-12 (103 Train)	12.0	30.0	EDB	1.00	0.40	$13,800	$10,320
FS-28	2.8	7.1	EDB	4.25	1.70	$58,650	$43,860
FS-1	5.6	13.9	EDB	2.16	0.86	$29,808	$22,291
AVP Plant A	6.7	22.4	TCE	1.80	0.54	$24,840	$13,806
LF-1	3.8	12.9	TCE	3.13	0.93	$43,200	$24,011
CS-10 IP Plant A	3.2	10.8	TCE	3.75	1.11	$51,750	$28,764
CS-10 IP Plant B	1.9	6.5	TCE	6.24	1.86	$86,112	$47,862
CS-10 IP Plant C	3.4	11.5	TCE	3.50	1.04	$48,300	$26,846
CS-10 IP Plant D	2.2	7.4	TCE	5.43	1.61	$74,914	$41,639
Hunter Ave (FS-29/CS-21) 1100 Train	10.5	35.3	TCE	1.14	0.34	$15,771	$8,766
Hunter Ave (FS-29/CS-21) 1200 Train	10.8	36.2	TCE	1.12	0.33	$15,405	$8,562
Hunter Ave (FS-29/CS-21) 1300 Train*	8.4	28.3	TCE	1.43	0.42	$19,714	$10,958
Hunter Ave (CS-4/CS-20) 2200 Train	15.0	50.5	TCE	0.80	0.24	$11,040	$6,136
Hunter Ave (CS-4/CS-20) 2300 Train	16.0	53.8	TCE	0.75	0.22	$10,350	$5,753
Hunter Ave (LF-1/CS-23) 3100 Train	2.8	8.7	CCl_4	4.25	1.38	$58,650	$35,700
Hunter Ave (LF-1/CS-23) 3200 Train	2.8	8.4	CCl_4	4.36	1.42	$60,218	$36,655
			TOTAL	52.32	16.64	$722,017	$429,349
			ESTIMATED ANNUAL SAVINGS				$292,668

* Train removed from service on 06 March 2012. Future usage estimates assume that this train remains in service for purposes of comparison.

† Average is calculated beginning in January 2008.

Key:

CCl_4 = carbon tetrachloride

COC = contaminant of concern

CSR = custom segregated reactivated (coal-based)

EDB = ethylene dibromide

GAC = granular activated carbon

TCE = trichloroethene

Table 3
Estimated CO_2 Emissions Related to GAC Alternatives for MMR

Virgin Coconut GAC Supplied to MMR	
Coconut Shell GAC Item/Activity	**CO_2 Emissions (metric tons CO_2 per 20,000 lb GAC load)**
GAC Reactivation at Carbon Activated Corp	0.0
Trucking Spent GAC from MMR to Carbon Activated Corp.	0.8
Shipping Virgin GAC from Sri Lanka to MMR	6.5
Virgin Coconut Shell GAC Manufacturing	4.4
	11.7

Reactivated Coconut GAC Supplied to MMR	
Coconut Shell GAC Item/Activity	**CO_2 Emissions (metric tons CO_2 per 20,000 lb GAC load)**
GAC Reactivation at Carbon Activated Corp	6.1
Reactivated GAC between Carbon Activated Corp. and MMR	1.5
Shipping Virgin GAC from Sri Lanka to MMR	0.8
Virgin Coconut Shell GAC Manufacturing	0.6
	9.0

Reactivated Coal-Based GAC Supplied to MMR	
Coal-Based GAC Item/Activity	**CO_2 Emissions (metric tons CO_2 per 20,000 lb GAC load)**
GAC Reactivation at Carbon Activated Corp	6.1
Reactivated GAC between Carbon Activated Corp. and MMR	1.5
Shipping Virgin GAC from China to MMR	0.6
Virgin Coal-Based GAC Manufacturing	1.4
Bituminous Coal Mining	0.1
Total	**9.7**

Key:
CO_2 = carbon dioxide
GAC = granular activated carbon
lb = pound

Table 4
Projected Effects of Use of Virgin Coconut Shell GAC on Greenhouse Gas Emissions

System	Loads of CSR GAC Per Year	Loads of Coconut Shell GAC Per Year	Annual Greenhouse Gas Emissions; CSR [tons CO_2]	Annual Greenhouse Gas Emissions; Coconut Shell [tons CO_2]
SRTF (101 Train)	1.46	0.43	14.1	5.1
SRTF (102 Train)	1.74	0.52	16.9	6.0
SRTF (103 Train)	1.71	0.51	16.6	6.0
SRTF (104 Train)	1.50	0.45	14.6	5.2
FS-12 (101 Train)	0.80	0.32	7.8	3.7
FS-12 (103 Train)	1.00	0.40	9.7	4.7
FS-28	4.25	1.70	41.2	19.9
FS-1	2.16	0.86	21.0	10.1
AVP Plant A	1.80	0.54	17.5	6.3
LF-1	3.13	0.93	30.4	10.9
CS-10 IP Plant A	3.75	1.11	36.4	13.0
CS-10 IP Plant B	6.24	1.86	60.5	21.7
CS-10 IP Plant C	3.50	1.04	34.0	12.2
CS-10 IP Plant D	5.43	1.61	52.7	18.9
Hunter Avenue (FS-29/CS-21) 1100 Train	1.14	0.34	11.1	4.0
Hunter Avenue (FS-29/CS-21) 1200 Train	1.12	0.33	10.8	3.9
Hunter Avenue (FS-29/CS-21) 1300 Train	1.43	0.42	13.9	5.0
Hunter Avenue (CS-4/CS-20) 2200 Train	0.80	0.24	7.8	2.8
Hunter Avenue (CS-4/CS-20) 2300 Train	0.75	0.22	7.3	2.6
Hunter Avenue (LF-1/CS-23) 3100 Train	4.25	1.38	41.2	16.2
Hunter Avenue (LF-1/CS-23) 3200 Train	4.36	1.42	42.3	16.6
TOTAL	52.32	16.64	507.5	194.7

Key:
AVP = Ashumet Valley Plume
CO_2 = carbon dioxide
CS = Chemical Spill
CSR = custom segregated reactivated (coal-based)
FS = Fuel Spill
GAC = granular activated carbon
IP = In-Plume
LF = Landfill
SRTF = Sandwich Road Treatment Facility

PROJECT NOTE

AFCEE/MMR

Otis ANG Base, Massachusetts

Date: 12 Sep 2012 | **PAGE 1 OF 1**

Recorded By: Rose H. Forbes

Subject:

CS-10 IN PLUME 03EW2104 MODIFICATIONS

Issued By: Jon Davis

REMEDIATION PROGRAM MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION/DISCUSSION** The Chemical Spill-10 (CS-10) Data Gap Investigation Report and Subsequent Modeling Data Presentation were discussed at the 28 Aug 2012 Technical Update Meeting. An overview of the Draft Data Gap Investigation Technical Memorandum, dated July 2012, was provided which led into a discussion of modeling efforts to support subsequent optimization for the CS-10 plume. As presented in the *Draft CS-10 2012 Data Gap Investigation Technical Memorandum* and as discussed during the 28 Aug Tech Update meeting, capture of deeper contamination located in the vicinity of 03EW2104 would be increased by modifying the effective screen interval at 03EW2104. The packer should be removed from the bottom of the extraction well screen (effective screen interval of 10 to -100 ft msl) and repositioned so that the top 90 feet of the extraction well screen is blocked (effective screen interval of -80 to -136 ft msl). The flow rate at 03EW2104 would remain at current design flow rates (230 gpm). Well maintenance to incorporate these changes would be completed in Sep 2012, following approval by EPA and MassDEP.
2.0	**CONCURRENCE** Concurrence with the well maintenance work at 03EW2104, as described in Section 1.0 of this Project Note is represented by the signatures below: 9/12/12 U.S. EPA Representative 9/13/2012 MassDEP Representative FORBES.ROSE.H.1036416218 Digitally signed by FORBES.ROSE.H.1036416218 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USAF, cn=FORBES.ROSE.H.1036416218 Date: 2012.09.12 15:20:09 -04'00' AFCEE Project Manager Note: The parties involved will retain the ability to modify remedial system operation/optimizations based on field observations or other mutually agreeable technical justifications.

Distribution: AFCEE: Rose Forbes, Jon Davis, EPA: Bob Lim, Lynne Jennings; MassDEP: Len Pinaud, Elliott Jacobs; CH2M HILL: Mary O'Reilly, Nigel Tindall

Attachment F
CS-10 Source Area Soil Results

Attachment F
CS-10 Detail C Source Area 2012 Direct Push Soil Sample Results
CS-10 2012 Summary Letter Report

Location	Date	Test	Matrix	Depth (ft)	Analyte	Result	DL	RL	Units	Qual	MCP S-1/GW-1	Exceedance? Y/N
03BH1000	7/5/2012	MADEPEP	SO	8	C11-C22 AROMATIC HYDROCARBONS	ND	13,500	26,800	µg/kg	U	1,000,000	N
03BH1000	7/5/2012	MADEPEP	SO	8	C19-C36 ALIPHATIC HYDROCARBONS	15,300	13,500	26,800	µg/kg	J	3,000,000	N
03BH1000	7/5/2012	MADEPEP	SO	8	C9-C18 ALIPHATIC HYDROCARBONS	62,800	26,810	53,600	µg/kg		1,000,000	N
03BH1000	7/5/2012	MADEPVP	SO	8	C5-C8 ALIPHATIC HYDROCARBONS	ND	1,020	2,050	µg/kg	U	100,000	N
03BH1000	7/5/2012	MADEPVP	SO	8	C9-C10 AROMATIC HYDROCARBONS	1,650	512	1,020	µg/kg		100,000	N
03BH1000	7/5/2012	MADEPVP	SO	8	C9-C12 ALIPHATIC HYDROCARBONS	2,020	1,020	2,050	µg/kg	J	1,000,000	N
03BH1000	7/6/2012	MADEPEP	SO	11	C11-C22 AROMATIC HYDROCARBONS	ND	13,900	27,800	µg/kg	U	1,000,000	N
03BH1000	7/6/2012	MADEPEP	SO	11	C19-C36 ALIPHATIC HYDROCARBONS	23,300	13,900	27,800	µg/kg	J	3,000,000	N
03BH1000	7/6/2012	MADEPEP	SO	11	C9-C18 ALIPHATIC HYDROCARBONS	675,000	139,000	278,000	µg/kg		1,000,000	N
03BH1000	7/6/2012	MADEPVP	SO	11	C5-C8 ALIPHATIC HYDROCARBONS	ND	1,150	2,300	µg/kg	U	100,000	N
03BH1000	7/6/2012	MADEPVP	SO	11	C9-C10 AROMATIC HYDROCARBONS	3,580	575	1,150	µg/kg		100,000	N
03BH1000	7/6/2012	MADEPVP	SO	11	C9-C12 ALIPHATIC HYDROCARBONS	4,630	1,150	2,300	µg/kg		1,000,000	N
03BH1000	7/6/2012	MADEPEP	SO	14	C11-C22 AROMATIC HYDROCARBONS	33,700	13,400	26,800	µg/kg		1,000,000	N
03BH1000	7/6/2012	MADEPEP	SO	14	C19-C36 ALIPHATIC HYDROCARBONS	78,000	13,400	26,800	µg/kg		3,000,000	N
03BH1000	7/6/2012	MADEPEP	SO	14	C9-C18 ALIPHATIC HYDROCARBONS	2,670,000	670,000	1,340,000	µg/kg		1,000,000	Y
03BH1000	7/6/2012	MADEPVP	SO	14	C5-C8 ALIPHATIC HYDROCARBONS	1,750	1,220	2,440	µg/kg	J	100,000	N
03BH1000	7/6/2012	MADEPVP	SO	14	C9-C10 AROMATIC HYDROCARBONS	163,000	6,090	12,200	µg/kg		100,000	Y
03BH1000	7/6/2012	MADEPVP	SO	14	C9-C12 ALIPHATIC HYDROCARBONS	225,000	12,200	24,400	µg/kg		1,000,000	N
03BH1001	7/6/2012	MADEPEP	SO	8	C11-C22 AROMATIC HYDROCARBONS	ND	14,100	28,100	µg/kg	U	1,000,000	N
03BH1001	7/6/2012	MADEPEP	SO	8	C19-C36 ALIPHATIC HYDROCARBONS	ND	14,100	28,100	µg/kg	U	3,000,000	N
03BH1001	7/6/2012	MADEPEP	SO	8	C9-C18 ALIPHATIC HYDROCARBONS	ND	14,100	28,100	µg/kg	U	1,000,000	N
03BH1001	7/6/2012	MADEPVP	SO	8	C5-C8 ALIPHATIC HYDROCARBONS	ND	1,140	2,280	µg/kg	U	100,000	N
03BH1001	7/6/2012	MADEPVP	SO	8	C9-C10 AROMATIC HYDROCARBONS	1,210	571	1,140	µg/kg		100,000	N
03BH1001	7/6/2012	MADEPVP	SO	8	C9-C12 ALIPHATIC HYDROCARBONS	1,150	1,140	2,280	µg/kg	J	1,000,000	N
03BH1001	7/9/2012	MADEPEP	SO	11	C11-C22 AROMATIC HYDROCARBONS	ND	13,500	26,900	µg/kg	U	1,000,000	N
03BH1001	7/9/2012	MADEPEP	SO	11	C19-C36 ALIPHATIC HYDROCARBONS	ND	13,500	26,900	µg/kg	U	3,000,000	N
03BH1001	7/9/2012	MADEPEP	SO	11	C9-C18 ALIPHATIC HYDROCARBONS	15,700	13,500	26,900	µg/kg	J	1,000,000	N
03BH1001	7/9/2012	MADEPVP	SO	11	C5-C8 ALIPHATIC HYDROCARBONS	ND	1,190	2,390	µg/kg	U	100,000	N
03BH1001	7/9/2012	MADEPVP	SO	11	C9-C10 AROMATIC HYDROCARBONS	3,570	597	1,190	µg/kg		100,000	N
03BH1001	7/9/2012	MADEPVP	SO	11	C9-C12 ALIPHATIC HYDROCARBONS	4,640	1,190	2,390	µg/kg		1,000,000	N
03BH1001	7/9/2012	MADEPEP	SO	14	C11-C22 AROMATIC HYDROCARBONS	ND	13,300	26,500	µg/kg	U	1,000,000	N
03BH1001	7/9/2012	MADEPEP	SO	14	C19-C36 ALIPHATIC HYDROCARBONS	20,800	13,300	26,500	µg/kg	J	3,000,000	N
03BH1001	7/9/2012	MADEPEP	SO	14	C9-C18 ALIPHATIC HYDROCARBONS	765,000	265,000	530,000	µg/kg		1,000,000	N
03BH1001	7/9/2012	MADEPVP	SO	14	C5-C8 ALIPHATIC HYDROCARBONS	ND	1,210	2,420	µg/kg	U	100,000	N
03BH1001	7/9/2012	MADEPVP	SO	14	C9-C10 AROMATIC HYDROCARBONS	26,400	3,030	6,060	µg/kg		100,000	N
03BH1001	7/9/2012	MADEPVP	SO	14	C9-C12 ALIPHATIC HYDROCARBONS	34,200	6,060	12,100	µg/kg		1,000,000	N
03BH1002	7/9/2012	MADEPEP	SO	8	C11-C22 AROMATIC HYDROCARBONS	ND	13,200	26,200	µg/kg	U	1,000,000	N

Attachment F
CS-10 Detail C Source Area 2012 Direct Push Soil Sample Results
CS-10 2012 Summary Letter Report

Location	Date	Test	Matrix	Depth (ft)	Analyte	Result	DL	RL	Units	Qual	MCP S-1/GW-1	Exceedance? Y/N
03BH1002	7/9/2012	MADEPEP	SO	8	C19-C36 ALIPHATIC HYDROCARBONS	ND	13,200	26,200	µg/kg	U	3,000,000	N
03BH1002	7/9/2012	MADEPEP	SO	8	C9-C18 ALIPHATIC HYDROCARBONS	ND	13,200	26,200	µg/kg	U	1,000,000	N
03BH1002	7/9/2012	MADEPVP	SO	8	C5-C8 ALIPHATIC HYDROCARBONS	ND	1,140	2,270	µg/kg	U	100,000	N
03BH1002	7/9/2012	MADEPVP	SO	8	C9-C10 AROMATIC HYDROCARBONS	1,920	569	1,140	µg/kg		100,000	N
03BH1002	7/9/2012	MADEPVP	SO	8	C9-C12 ALIPHATIC HYDROCARBONS	2,250	1,140	2,270	µg/kg	J	1,000,000	N
03BH1002	7/10/2012	MADEPEP	SO	11	C11-C22 AROMATIC HYDROCARBONS	ND	13,200	26,400	µg/kg	U	1,000,000	N
03BH1002	7/10/2012	MADEPEP	SO	11	C19-C36 ALIPHATIC HYDROCARBONS	ND	13,200	26,400	µg/kg	U	3,000,000	N
03BH1002	7/10/2012	MADEPEP	SO	11	C9-C18 ALIPHATIC HYDROCARBONS	ND	13,200	26,400	µg/kg	U	1,000,000	N
03BH1002	7/10/2012	MADEPVP	SO	11	C5-C8 ALIPHATIC HYDROCARBONS	ND	1,230	2,450	µg/kg	UJ	100,000	N
03BH1002	7/10/2012	MADEPVP	SO	11	C9-C10 AROMATIC HYDROCARBONS	928	613	1,230	µg/kg		100,000	N
03BH1002	7/10/2012	MADEPVP	SO	11	C9-C12 ALIPHATIC HYDROCARBONS	ND	1,230	2,450	µg/kg	UJ	1,000,000	N
03BH1002	7/10/2012	MADEPEP	SO	14	C11-C22 AROMATIC HYDROCARBONS	ND	13,300	26,600	µg/kg	U	1,000,000	N
03BH1002	7/10/2012	MADEPEP	SO	14	C19-C36 ALIPHATIC HYDROCARBONS	ND	13,300	26,600	µg/kg	U	3,000,000	N
03BH1002	7/10/2012	MADEPEP	SO	14	C9-C18 ALIPHATIC HYDROCARBONS	ND	13,300	26,600	µg/kg	U	1,000,000	N
03BH1002	7/10/2012	MADEPVP	SO	14	C5-C8 ALIPHATIC HYDROCARBONS	1,180	1,170	2,330	µg/kg	J	100,000	N
03BH1002	7/10/2012	MADEPVP	SO	14	C9-C10 AROMATIC HYDROCARBONS	1,200	583	1,170	µg/kg		100,000	N
03BH1002	7/10/2012	MADEPVP	SO	14	C9-C12 ALIPHATIC HYDROCARBONS	ND	1,170	2,330	µg/kg	U	1,000,000	N

Data Source: AFCEC, March 2013, MMR-AFCEC Data Warehouse

Notes:

There are no EPA RSL (Residential) standards for EPH/VPH carbon ranges.

MCP method 1 S-1/GW-1 standards from: http://www.mass.gov/dep/cleanup/laws/0975_6a.htm .

Key:

CS-10 = Chemical Spill-10
DL = detection limit
EPA = U.S. Environmental Protection Agency
EPH = extractable petroleum hydrocarbons
ft = feet
J = estimated value
MCP = Massachusetts Contingency Plan
ND = nondetect
RL = reporting limit
RSL = regional screening level
SO = soil
U = undetected
VPH = volatile petroleum hydrocarbons
µg/kg = micrograms per kilogram

Attachment G
MNA Sampling Results at 03MW2116A

Attachment G
Results from MNA Sampling at 03MW2116A
CS-10 2012 Summary Letter Report

Location	Test	Prep	Analyte	Date	Result	DL	RL	Units	Qual
03MW2116A	A4500F	METHOD	SULFIDE, TOTAL	1/24/2012	ND	1	2	mg/L	U
03MW2116A	E300	NONE	SULFATE (AS SO_4)	1/24/2012	2.2	0.22	1	mg/L	
03MW2116A	SW6010B	FLDFLT	IRON	1/24/2012	8.2	8.1	100	µg/L	J
03MW2116A	SW6010B	FLDFLT	MANGANESE	1/24/2012	ND	5.3	15	µg/L	UJ
03MW2116A	M2720C	METHOD	ETHANE	1/24/2012	0.54	0.31	1	µg/L	J
03MW2116A	M2720C	METHOD	ETHENE	1/24/2012	0.38	0.28	1	µg/L	J
03MW2116A	M2720C	METHOD	METHANE	1/24/2012	ND	0.3	1	µg/L	U
03MW2116A	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	1/24/2012	ND	0.13	1	µg/L	US
03MW2116A	SW8260B	SW5030	1,4-DICHLOROBENZENE	1/24/2012	ND	0.19	1	µg/L	US
03MW2116A	SW8260B	SW5030	BENZENE	1/24/2012	ND	0.2	1	µg/L	US
03MW2116A	SW8260B	SW5030	CARBON TETRACHLORIDE	1/24/2012	ND	0.2	1	µg/L	US
03MW2116A	SW8260B	SW5030	CHLOROFORM	1/24/2012	0.72	0.2	1	µg/L	JS
03MW2116A	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1/24/2012	35	0.19	1	µg/L	S
03MW2116A	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1/24/2012	586	2	10	µg/L	S
03MW2116A	SW8260B	SW5030	VINYL CHLORIDE	1/24/2012	0.53	0.2	1	µg/L	JS
03MW2116A	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	1/24/2012	54	0.2	1	µg/L	S
03MW2116A	E300	NONE	NITROGEN, NITRATE (AS N)	1/24/2012	0.1	0.015	0.1	mg/L	
03MW2116A	E300	NONE	NITROGEN, NITRITE	1/24/2012	ND	0.027	0.1	mg/L	U
03MW2116A	A5310C	METHOD	TOTAL ORGANIC CARBON	1/24/2012	0.68	0.28	1	mg/L	J
03MW2116A	A2320B	NONE	ALKALINITY, TOTAL (AS $CaCO_3$)	1/24/2012	51	--	--	mg/L	--
03MW2116A	YSI	NONE	Temperature	1/24/2012	12.34	--	--	Degrees C	--
03MW2116A	YSI	NONE	pH	1/24/2012	6.46	--	--	pH units	--
03MW2116A	YSI	NONE	Dissolved Oxygen	1/24/2012	6.45	--	--	mg/L	--
03MW2116A	YSI	NONE	Specific Conductance	1/24/2012	130	--	--	µS/cm	--
03MW2116A	YSI	NONE	Redox Potential	1/24/2012	155.8	--	--	mV	--
03MW2116A	YSI	NONE	Turbidity	1/24/2012	2	--	--	NTU	--

Data Source: AFCEC, March 2013, MMR-AFCEC Data Warehouse

Key:

DL = detection limit
RL = reporting limit
J = estimated value
U = undetected
mg/L = milligrams per liter
S = screening
mV = millivolts
µg/L = micrograms per liter
ND = nondetect
µS/cm = microsiemens per centimeter
NTU = nephelometric turbidity unit
-- = not applicable